TECHE
UDINE

MANOSCRITTI

FONDO PRINCIPALE

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A

Prefatio

Philosophiam ingressuri Logice primum operam dare debemus scientia hec hominis actus dirigit, mentemque perficit. Cum autem nihil homini accomodatius esse possit quam se ipsum noscere et propriis uti facultatibus a natura inditis quisque sedulo Logicalibus preceptis incumbere debet, ut recte se ipsum norat, attendat sibi et ex propria sui ipsius animadversione quid ipse sit, quod inter se, et extrinseca objecta pateat discrimen videat, et insuæ vitæ usum ratiocinetur colligat cum propria tum erga se tum erga alios officia. Deique summi existentiam providentiam necessario inferat. Quæ omnia facile obtinentur optime Logicam calenti siquidem hæc scientiam ne dum ratiocinari docet a causis ad effectus et vicissim, sed bene ratiocinari, ita ut verum a falso distinguatur et utrum ideæ collectæ inter se conveniant nec ne probe sciat. Alacri igitur animo in jucundissimam hanc omnique perutilem facultatem animum convertamus, operamque diligentissimam in ejusdem præceptis excollendis insumamus; ut non quomodocumque cogitemus, et loquamur, sed pro ut philosophum hominem decet.

Quid est Logica?

Est ars bene cogitandi, sive scientia rationis, vel intellectus.

Quod est objectum Logicæ?

Duplex formale unum, materiale alterum. Formale est mentem perficere in raciocinijs. materiale est leges quasdam sive precepta in usu ponere, quibus mens perficiatur.

Ut quid fuit inventa Logica?

Ut huic interogationi fiat satis notandum est duplicem distingui Logicam, naturalem unam, artificialem alteram. Naturalis Logi=

8.

Logica est vis ratiocinandi omnis hominibus indita silicet lumen rationis signatum super nos a Deo. Artificialis est quæ arte quibusdam nempe regulis comparatur, si sermo sit de prima ab hominibus non est inventa, adeoque disciplina dici nequit. nam immediate est a Deo homini tradita. Si vero sermo sit de secunda inventa est a quibusdam philosophis, sive hominibus cultioribus. Ex naturali Logica omnes homines loquebantur, atque ratiocinabantur, sed cum mens hominis finita esset, et erroribus obnoxia factum est, ut male ratiocinarentur, nec rectas inferrent ex suis ideis, vel habitis propositionibus conclusiones. Antediluviani cum ab Adamo habuissent quæ ad vitam vivendam conferre poterant, socialiter vivebant, nec emendandis discursus erroribus ullam navabant operam toti tanquam una tantum ad amititia familia domesticis curis intenti improbantes vitia virtutem laudantes quin soliciti essent de remedio vitiorum, eorumdemque origine. Post diluvium cum omnia in naturæ revoluta fuerint, et ejusdem inversus ut ita dicam ordo invaluere vitia et errores, unde major urgebat necessitas emendationis remediique præstandi. Accedit quod peracto diluvio homines crevere quoad numerum, hinc curabant omnes edifitia sibi construere, vivendique commoda sibi facere. Hinc bella super terram horta sunt inter homines, ut alter alterius rem, et loca occuparet, et quæ nullius erant ab alterius inquisitione impediret suaque facere. Hinc cœperunt inter se dissidere, rationes aferre atque momenta, quibus præ cæteris jus habere proprium pateret. Hinc factæ quædam Respublicæ ex communi familia humana divisæ, hinc Civitates, hinc Opida

pecu=

peculiaribus statutis fulcita, atque gubernata. Ac hisce omnibus origo fuit dialecticæ. Nam cum Respublicæ hujusmodi a populo regerentur, et populus, ut fieri solet rudis, et illiteratus male communia interpretaret principia, et in pravam retorqueret praxim, quidam insurrexerunt acutiores, menteque saniores qui errores vincere et primorum principiorum genuinam dare intelligentiam conati sunt juxta quæ vitam informarent homines, et populus præsertim incultus et ut id obtinerent quædam exararunt præcepta et regulas quibus recte fluerent ex primis principiis conclusiones. Hæc fuit origo dialecticæ quingentis circiter annis ante Christum, sed in ejus exordio potius res tota vertebat in disputationes quam in firma principia et accurata præcepta, usque dum multis præhabitis disputationibus veritatis statutum est chriterium, et ipsa veritas inconcussis communibus, communiterque receptis stetit principiis. Primi inter homines qui artem cogitandi, discurrendique præbuerunt Græci fuerunt qui attentis Pheniciorum observationibus de sideribus, de Cœlo, et Mundo viam invenerunt Philosophandi, eamque ut literis addictissimi facile percurrerunt. Græcorum primus qui præcepta quæ vulgo ferrebantur apud Dialecticæ instauratores, qui errores in populo animadversos emendare curabant fuit zeno eleates in ordinem redegit fuit Zeno Eleates Parmenidis auditor, ut Aristoteles apud Laertium et historici communiter referunt, qui floruit Olimpiade septuagesima nona. Zeno Eleates dialogos primum scripsit, deinde regulas consecutionum tandem artem contendendi, hinc Zeno laqueorum auctor dictus est a Philosophis. Sectatores habuit Zeno, qui ab ipso Eleatici dicti sunt. Dum Eleatici cavilationibus et a caninibus insudabant alia exorta est secta nova excogitata metodo a Socrate Atheniensi, qui

præ=

precepta cavilationibus expurgavit, solidisque munivit rationibus unde factum est quod sofiste quibus tunc Grecia abundabat viris nempe obscuritate verborum, et indagine valentibus doctrina vero et eruditione imperitis, magno impetu animi Socraticos impeterent, easque inviderent. Horum superbia ut retunderet Socrates ceteris monstravit viam qua possent sofistarum cavilationes facile confutare. Hinc dubia prorsus, et obscuritates in sermone eliminari curavit, et clare omnia definiri distinteque explicari curavit quin aliquid verborum involucro sineret tegi, hinc sofistis non respondebat nisi perspicue rem proponerem, miscebat vero Socrates in disputationibus sales, et lepores ut ejus sectatores alicerentur ad ipsius metodum amplectendam. Ex Socrate et prima Socratica secta derivate sunt multe alie, ut accademia secta Megarica, Cirenaica, Peripatetica, Stoica. Accademicorum princeps fuit Plato et ipse Atheniensis, Socratis discipulus verum metodum Socraticam non penitus est secutus, cum enim ab Atheniensibus sofistis praesertim occisus fuerit Socrates Philosophie causa, ejusdemque nove metodi gratia funesto preceptoris casu edoctus, aliam iniit viam, qua sofistis non esset invisus, sententiasque suas colloquiis involvit ita ut colloquentium plurimorum interpelationibus, et responsionibus involutum ratiocinium lectores et auditores occuparet, ita ut quid ipse reapse sentiret dificulter discerni posset. Dialectica Platonis talis est: dividere primum rem de qua disputatur, secundo definire, et nomina imponere atque vocabula explicare, deinde inductione inferre. Et id fecit quia saepissime quaestiones sunt, et lites de nominibus, atque voca

voc=

[illegible] quibus [illegible]
[illegible] inveniri nominum [illegible]
inveniendo [illegible] non ordine suo [illegible]
[illegible] syllogismus [illegible]
[illegible]
[illegible]
rogationibus [illegible]
[illegible] citra [illegible] pertinaciam [illegible]
[illegible]
se ipsa Socratem [illegible]
[illegible] tamen res astute definiebat et sub [illegible]
[illegible]
[illegible] M [illegible]
varias questiunculas nectendi quam [illegible]
[illegible] videtur ut vir ingenio, qui erat acutissimo ra-
[illegible]
[illegible] placerat
[illegible]
fieri solet per plateas [illegible]
possunt dicere ergo non [illegible]
aliud [illegible]
[illegible] quod hominum sane ment[illegible]
[illegible] et ingenium ad
discordiam non ad veritatem inclinans [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] natum, qui Athenas veniens [illegible]

[illegible] methodum [illegible]

[illegible] ipse in multis erravit. Conscii [illegible]

[illegible] et provincis nominibus [illegible]

[illegible] visitabilem. Fora enim [illegible]

Aristotelis logica in [illegible]
[illegible]
[illegible]
[illegible] peccat vero quam [illegible]
in abusu vocabulorum quorum plerumque ad arbitrium [illegible] nam
[illegible] categoriae erant [illegible]
[illegible] quam vocabularium nominum rebus convenientium [illegible]
memoriter mandatis ex regulis sive veris sive falsis [illegible] tempore
[illegible]
[illegible] institutum [illegible]
[illegible]
[illegible]
gloriae potius cupiditate quam veritatis amore [illegible]
[illegible]
praedicari atque haberi hinc [illegible] Philosoph[illegible]
[illegible] inveniendi corrupit et mutilavit quo [illegible]
[illegible] contingeret [illegible]
[illegible] vel suum veteres [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]ina et propria notio obscuratur [illegible]
tatis non auget sed [illegible]
Peripatetici de re aliqua [illegible]
naturae et proprietatibus rei attendunt [illegible]
[illegible] disputationem conficiunt postremo longas nimis

[illegible]

[illegible] servitutas [illegible] [illegible] totelem improbemus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Chrysippi [illegible] [illegible] libris [illegible] quos scripsit Chrysippus [illegible] [illegible] ici non inepta de origine [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] doctrinam nova [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]
non vederent [illegible] absque ulla ratio [illegible]
[illegible] et adversarium [illegible]
[illegible] reliquo [illegible]
[illegible]
[illegible] appellat eo quod incredibiles et falsos
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] nihil nos scire [illegible]
[illegible] cum Academici sunt consentienti [illegible]
[illegible]
nobis esse neminem aequum cum Epicuro esse comparandum [illegible]
[illegible]
[illegible]
[illegible]
canones collegit de possibilitate sermonis et de recto [illegible]
eosque Sofistas [illegible]
[illegible]
[illegible] facile [illegible] sophismata, eorumque jactantiam
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] unum sei [illegible]

[illegible] erat vera secus si secus. Res autem omnes vel mora[illegible] hoc est ad consuetudinem vitæ, vel naturalis [illegible] nimirum [illegible] [illegible] tamen [illegible] [illegible] [illegible] morales [illegible] ob rationem vel voluptatis in [illegible] [illegible] [illegible] ex [illegible] [illegible] [illegible] [illegible] habuit [illegible] [illegible] quos ordine exponemus

Canones [illegible]

[illegible] [illegible] apparentium [illegible] [illegible] vocabulo sensus designat Epicurus.

[illegible] veritas, aut falsitas cadit

[illegible] evidentia, [illegible]

[illegible] illa falsa [illegible] vel [illegible] vel non suffragatur [illegible]

Dolion

[illegible] [illegible] mu-

mutant vel impediunt repraesentationem rerum, munia sua exercentes impedimenta vel circumstantia, quae faciunt ut res diversimodo exhibeatur sensui, ac sit in sensatione vera est si absolute et in statu sensu talis menti store [illegible] nam semper sensus non semper exhibet menti res prout sunt [illegible] refractione [illegible] in remum et aqua remus in aqua positus fractus apparet cum tamen non sit [illegible] [illegible] igitur ad rasum refractionem per quam [illegible] attendere [illegible]

Canones de Anticipatione

seu mente

1 Omni quae in mente est anticipatio, apprehensio pendet a sensibus [illegible] incursione [illegible] vel proportione, vel similitudine, vel compositione.

2 Anticipatio est ipsa rei notio sive definitio, sine qua quicquam quaerere, dubitare, opinari, imo et nominare non licet.

3 Est anticipatio in omni ratiocinatione principium [illegible] ad quod attendentes affirmamus unum esse idem aut diversum [illegible] unitum aut disjunctum [illegible]

4 Quod inevidens est, ex rei evidentis anticipatione demonstrandum.

Scholion

Primus canon [illegible] si intelligatur de modo [illegible] immediate [illegible] quarumcumque cognitionum a sensibus [illegible] format mens sua ex sola sua efficientia [illegible] ad res sensibiles [illegible] argumentando

Canon [illegible] anticipatione

[illegible] nullam habet [illegible] anticipationem [illegible]

2 La molestia quae nullam habet voluptatem annexam fugienda est

3 La voluptas quae aut majorem aut minorem voluptatem impedit, aut graviorem molestiam parit fugienda est

4 La molestia quae aut majorem arcet molestiam aut uberiorem voluptatem creat amplectenda

Scholion

Omnes hujusmodi canones iniqui per se sunt, [illegible] tamquam finem humanarum operationum solam voluptatem adeo ut nihil momentum sit sive ad virtutem [illegible] comparandas sive ad bonum Reipublicae faciendum quod parit molestiam et nituntur falso epicureorum principio, [illegible] nulla sit [illegible] soli voluptati impense et semper indulgendum sit atque curandum quod [illegible] principium iniquum esse invictis probant argumentis metafisici quibus [illegible] animos esse immortales et futuram esse retributionem pro merito vel demerito. Sunt itaque tamquam improbi habendi et cavendum diligentissime ne epicureis quorum deus venter erat et pabuli sive appetitus obsequamur bibentes et edentes [illegible] pacientes [illegible]

Canones de vocibus

1 [illegible] loquens [illegible] voces communes et perspicuas ne aut ignoretur quid velis aut [illegible] frustra tempus teras

2 Cum autem [illegible] ut vim subiectam vocibus teneas ne [illegible] aut prae obscuritate lateant aut prae ambiguitate decipiant

Scholion

1 [illegible] et praxi utendum est hisce canonibus

om=

omnes namque ferme invalescunt controversiae quia per[illegible] non adhibentur voces, nec ut ipsis subiecta proferuntur [illegible] ruit ergo Logicae artificialis, atque incrementum [illegible] et talis [illegible] regularum Logicalium, [illegible] usque ad aetatem Caesaris Augusti. Post augusti tempora [illegible] invaluit [illegible] apud [illegible] inter quos [illegible] [illegible]

[illegible]

Teologicis [illegible]

[illegible]

Aris:

Aristotelis [illegible] Dialecticam atque [illegible]
[illegible] quam maxime [illegible]
[illegible] magno [illegible]
[illegible] imo aliqui
[illegible] usque ad duodecimum seculum illi vero
[illegible] partes Aristotelica [illegible] Dialectica quia [illegible]
[illegible] seculo [illegible] suos [illegible] errores [illegible]
[illegible] Stoicorum et [illegible] Tandem seculo nono [illegible]
[illegible] qui per [illegible] tempora [illegible] magnam Orientis [illegible]
[illegible] regionum [illegible]
[illegible]
[illegible] quibus [illegible]
[illegible] scholis [illegible]
[illegible]
Aristotelem et postquam [illegible] quam maxime [illegible]
[illegible]
[illegible]
[illegible] Aristotelem [illegible]
[illegible]
[illegible]
[illegible] tempore [illegible] qui nomine Aristo-
telis [illegible] Arabum [illegible]
[illegible] quod Aristotelem [illegible]
[illegible]
Aristotelem [illegible]
[illegible]
barbara proferunt. Quum igitur [illegible]

Peripatetica secta non Aristoteles sed Arabes aeternitates spernuntur

[illegible] ... Aristotelis ... [illegible] ... per obscuram traductionem ... [illegible]

[illegible]

...mitant in scientiis cum tamen res sane futilia et inutilia sint ... namque res verbis seriber et ... [illegible]

... [illegible] quinto ... et ... se ... Laurentius Valla romanus et Rodulphus Agricola germanus et ... post Ludovicus Vives hispanus barbariem ceperunt in Logica et Peripateticorum ineptias condemnare ceperunt verum illos maximum vere Logicæ tamen attulit Petrus Ramus ... seculo decimo sexto. Is namque errores Aristotelis primus notavit qui dialecticam simul cum Retorica conjunxit Logicamque partitus est in inventionem et judicium novamque artis disserendi naturali Logicæ conformiorem tradidit in institutis dialecticis quamquam malo honoris sui fato, vitæque periculo siquidem vigente Parisiis Aristotelica tunc temporis ... ad magistratum fuit tamquam majestatis regiæ et bonarum artium optimæque disciplinæ ... quem a ... to absolutus de crimine fuisset Philosophiæ ... sub nomine ab adversariis Peripateticis ... Cum que nec mortuo parcerent lacerum cadaver in sequanam ... abjecerunt Is est Peripateticorum mos nimirum adversarios suos corruptæ accusare religionis eorumque nomini blaterantes insidias ducere ineunte seculo decimo octavo floruit Bacco Verulamius Anglus qui Logicam sub novi organi nomine ... ... praejudicatis o... mentibus lucem afferre conatur. ... ... et utilia quædam nos docuit Verulamius peccat tamen in aliquibus primum quod inductionem syllogismo ante ponat cum illa ex syllogismo vim habeat quod ex syllogismo et ... nihil agat ... quod in solis verbis sitæ ... ...

incomprensibilibus et obscuro [illegible] genere usus sit. Atta-
men Logica multum debet Verulamio. Eodem vere tempore
scripsit Petrus Gasendus Gallus exercitationes adversus Ari-
stoteleos in quibus vulgatae Logicae [illegible] enarrat atque condem-
nat. His addidit librum de Logicae fine, in quo et criteria
veritatis et qui in tradendis illis excelluerunt exponit.
Postremo institutiones Logicas ubi de [illegible] imaginatione
propositione syllogismo et methodo agit. Plura nova canoni-
bus quibusdam complexa exibet Gasendus Logicae studioso.
Posteriores ~~[illegible]~~ Philosophi a Gasendo amplexati sunt
puriorem Logicam quare recensoris Logicae instauratione
cito dici potest. [illegible] logica atque Gasendum se-
catus est Tomas Obesius Anglus vir [illegible] issimus si mores
eius doctrinae de anima et Deo spectentur. Epicureus nam-
que [illegible] quinetiam materialista, scripsit tamquam librum
titulo computationum [illegible] Verulamii auctor
[illegible] edidit de methodo rationis recte dirigendae et inqui-
rendae in scientiis veritatis. [illegible] ingeniosum [illegible]
[illegible] verum. In primis suo spreto aliorum [illegible] vete-
rum [illegible] aetatis suae judicio res explicat et definit de omnibus
[illegible] putandum esse docet et in generali dubitatione statuit criteri-
um veritatis [illegible]
[illegible]
[illegible]
[illegible]
[illegible] logica [illegible]
[illegible]

ce

[illegible] memor[illegible] [illegible] animan[illegible]
[illegible] quam [illegible] ordine [illegible]
[illegible] mun[illegible] [illegible]
[illegible] contitut [illegible]
[illegible] caussis [illegible]
[illegible] falsa aliqua [illegible] in memor[illegible]
et [illegible] Cartesi [illegible] Malebranches [illegible]
[illegible] opus [illegible] tale ingenio [illegible]
[illegible] nimis septicismo favens, [illegible]
[illegible] neque causas [illegible] in nobis [illegible]
[illegible] phmo secul[illegible] philosophia [illegible]
Logicam libero judicio tractavit et ab omni [illegible]
[illegible] principes [illegible] Ioannes Locius [illegible]
[illegible] humain [illegible] Costa in [illegible]
[illegible] transt[illegible] [illegible]
[illegible] omnes [illegible] [illegible] sensibus
com[illegible]rantur [illegible] [illegible]tione generatim
et par[illegible]ulatim pertractat [illegible]
[illegible] memoria quae [illegible]
[illegible] docuit, [illegible] non erubuere con=
[illegible] invita nescir[illegible]
[illegible] quaesivit [illegible]
[illegible] maxima [illegible]
[illegible]
[illegible] non [illegible] cogitationem [illegible]
[illegible] Tan [illegible] errore [illegible]
[illegible]

110

[illegible] p[ro]ut predict. Joannes [illegible]

[illegible] qui scribit [illegible] juxta [illegible]

[illegible]

non accusatur quod [illegible] ex scholasticis inutilia [illegible]

[illegible] quibus Romanam Ecclesiam [illegible]

[illegible] quod [illegible]

[illegible] contra [illegible] communes [illegible] contra sua [illegible]

[illegible] verum de [illegible]

invenienda veritate quedam [illegible]

[illegible] regularum [illegible] aperte [illegible]

[illegible] institutum [illegible] Carolus Gallus vir doctissimus

[illegible]

[illegible] errorum causis [illegible]

[illegible] dilucide pertractat [illegible]

Geometrica [illegible] et ad Fisicam illustrandam tantum

[illegible]

[illegible] Logica [illegible]

[illegible]

[illegible] cum nova [illegible]

[illegible] ratiocinationem [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] inveniendo, interpretanda et tradenda veritate accurate [illegible]

videri [illegible]. Hi homines [illegible] [illegible]

[illegible] amplificarunt tamen cum nova sistemata [illegible]

[illegible] aliquem [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] demonstravit et metodo qua ad [illegible]

[illegible] nostrum [illegible]

[illegible]

[illegible] magistro Volfio [illegible]

[illegible]

[illegible]

[illegible] tamen quo

res claras plurimis verbis explicet, et easdem saepe [illegible]

[illegible]

[illegible] Nihil dicam de iis qui sibi persuaserunt [illegible]

[illegible] necessariam esse [illegible]

[illegible]

[illegible] 1649

[illegible] tempore [illegible] quo [illegible] incrementum habuerit [illegible] [illegible] tamen est [illegible] [illegible] retinere [illegible] adeoque [illegible] [illegible] haberi [illegible] [illegible] tenerit [illegible] [illegible] [illegible] maxime [illegible] [illegible] Neapolitano [illegible] Francisci de Paula [illegible] Parmens[illegible] [illegible] [illegible] [illegible] [illegible] in sua Logica

[illegible] objectum formale est [illegible] est [illegible] [illegible] [illegible]

4 Q. Quot sunt mentis operationes

[illegible]

1. Quid est perceptio

R. est mentis operatio qua aliquid [illegible] [illegible] nihil de illo [illegible] [illegible] affirmem vel negem esse talem rem.

Quotuplex est perceptio

[illegible]

[illegible] est [illegible] intellectio

[illegible] ea perceptio qua [illegible] [illegible] [illegible] tiam Deum et alias res abstractas insensibiles

[illegible] quod perceptio exprimitur

[illegible]

Quid est idea?
[illegible]
Quid est [illegible]
[illegible] generatur
Quid est immaginatio
[illegible]
[illegible] tamquam praesentem [illegible]
[illegible] tamquam [illegible] nobis [illegible] mentem [illegible]
[illegible] mente [illegible]
Quid est fantasia?
[illegible]
Idea secernitur ne a perceptione?
[illegible] perceptio est [illegible]
[illegible]
Quot sunt idearum genera
Quatuor nam [illegible]
[illegible]
[illegible]
quarto [illegible] mentem [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Quae sunt factitiae?
Sunt illae [illegible]
[illegible]
[illegible]
mente novum palatium

Quae sunt innatae

[illegible] notiones [illegible] nobiscum non [illegible] sensibus [illegible], a mente [illegible] immediate a Deo animo impressae.

Quae sunt ideae quae [illegible] possunt [illegible]

[illegible] sunt fantasticae, intelligibiles [illegible] compositae

Quae sunt fantasticae?

Sunt quae fiunt [illegible] arbitrariae [illegible] montem aureum [illegible] quatenus fantas[illegible] imago [illegible] in mente [illegible] omne [illegible] arbitrariae.

Quae sunt intelligibiles?

Sunt [illegible] quibus nomen [illegible] distinguimus [illegible]

Quae sunt ideae simp[illegible]

[illegible] simplices, sed omnes complexas.

Quae sunt compositae?

Sunt illae quae [illegible] sunt ideae [illegible] solididatis, figurae, motus, vel [illegible]

Quae

Que sunt idee que considerant res sunt in relatione ad obiecta

[illegible]

vel relative abstracte vel concrete, reales vel non reales

Que sunt idee adequate

Sunt que exibent clare et distincte omnes obiecti partes et proprietates

Que sunt inadequate

Sunt que non exibent omnes obiecti partes et [illegible]

Que sunt singulares

[illegible]

Que sunt idee universales

[illegible] considerant quod commun[illegible]

hominibus pluribus rationalis

Quod sunt universalia secundum Porfirium

[illegible] differentia proprium accidens et [illegible]

[illegible]

Ens
Dividitur
In Subsistens
Constituit
Repugnat
In Inhaerens
In Corporeum
In Incorporeum
In Animatum
In Inanimatum
In Sensitivum
In Insensitivum
In Rationale
In Irrationale

Quid est genus

[illegible] communis que [illegible] notiones pluribus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] designat

Quid est species

Est universalis notio que de pluribus dicitur [illegible] [illegible] [illegible] que [illegible] [illegible] humane [illegible] [illegible] [illegible] [illegible] [illegible] species [illegible] [illegible] [illegible] [illegible] unum aliquid commune et species resplicit plura ~~in~~individua, que licet [illegible] [illegible] [illegible] [illegible] [illegible] que [illegible] [illegible] ra equales sunt

Quid est diferentia?

[illegible] notio que [illegible] [illegible] dicitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] genere animal [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Quid est proprium

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quilibet homo est medicus, secundum proprium est quod convenit toto [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] speciei [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] que [illegible] [illegible] [illegible] convenit et homini [illegible]

Quid est accidens

[illegible]

[illegible] potest inesse ve[illegible]
[illegible] actio [illegible] [illegible]tractione

[illegible]

[illegible] et [illegible] percipi[illegible]
[illegible] sic idee hinc vocabulis atince nemo compus[illegible]

Que sunt idee relative

[illegible]

[illegible]

Que sunt idee abstract[illegible]

[illegible]

[illegible]

particulariter removendo mentem ab idea nature [illegible]

Que sunt idee concrete

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]
catur ut idea [illegible]

Que sunt idee obscu[illegible]

Sunt que ita exhibent objectum ut [illegible]
imo vix apparatur ut quando aliquid semel [illegible]
[illegible] vel idea motus [illegible] mecanici [illegible] hominis in
[illegible]

[illegible]

[illegible]

[illegible] scribeant tamen non referunt notas [illegible]

[illegible]

v ob ... tum ob extremitat...
Quid est vocabolum transcendentia
...
Quid est vocabolum ...
...
Quid sunt cathegorie?
...
substantie attributa continentur
Quot sunt cathegorie
...
Quid est substantia
Ut supra diximus
Quid est quantitas
Est mensura rei in longum latum et profundum
Quotuplex est ...
...
Quotuplex est quantitas
Duplex continua et discreta
... discreta
Est que resultat ... ut quantitas numerica in qua u...
...tes ... possunt per se et se ... considerari

Quid

[illegible]

[illegible]

... est quantitas continua

... successiva et permanens

Quid est quantitas successiva ...

[illegible]

[illegible]

... ut quantitas corporea

[illegible]

... partium ob onere materia ...

[illegible]

... sentiunt ...

[illegible]

[illegible]

... qualitates sensibiles ut ...

[illegible]

... etc. etc. ...

[illegible]

[illegible]

... externa

[illegible]

est quae, intra nos ... et intelligere cui
... actio externa ... tam ...
...

Est quae extra nos ... ambulare ...
... terminatur ... actione ...
...
me ...

... dicitur in agente ... calefactio qualenus est in igne
dicitur actio qualenus est in ligno dicitur passio

Est designatio loci, sic esse Romae etc.
Quid est quando
... tali anno vel tali ...

Quid est situs
Est disp... in ordine ...
... terminati loci.
Quid est habitus
...

Arbor sex natos ardore refrigerat in
Rursi cras stabo, nec tunicatus ero
...
... pectus ...
...

[illegible] cum materia [illegible]

[illegible] denotari [illegible] verbis [illegible] materia

[illegible] designant

[illegible]

[illegible]

[illegible]

composita alia complexa

Quaenam est simplex

[illegible]

[illegible]

Quaenam est complexa

Ea cujus termini sunt complexi [illegible]

[illegible]

[illegible]

Quaenam est composita

[illegible]

[illegible]

[illegible]

Quaenam sunt ex propositione compositae

Sunt conditionalis vel comparativa

Quaenam sunt comparativae

[illegible] cum [illegible]

[illegible] ut [illegible]

[illegible]

pre amore validior ira

Quaenam sunt conditionales

[illegible]

[illegible] hominis [illegible]

[illegible]

secunda consequens

[illegible] *[illegible]* ... considerata [illegible]

[illegible] oppositum [illegible] possibiles [illegible] impossibiles

Quaenam sunt necessariae et contingentes

[illegible] propositio [illegible] homo [illegible]

[illegible] nam sunt possibiles et impossibiles

[illegible] unquam [illegible]

[illegible]

[illegible]

Quid est [illegible]

[illegible]

[illegible] est [illegible] nulla [illegible]
[illegible]
est animal aliquando animal est homo serva[illegible]
[illegible] matio sed mutaretur quant[illegible]

Quid est equipolentia

[illegible] reductio propositionum oppositarum [illegible]
[illegible] non utrasque concertiantes ut oppo[illegible]
[illegible] iustus nullus homo est iustus [illegible]
[illegible] nullus homo [illegible] homo [illegible]

[illegible]

[illegible]

[illegible]

[illegible] rationabilitas ... sensibilitas [illegible]

[illegible]

[illegible] homo est animal [illegible]

Quid est tertia mentis operatio?

[illegible]

Quot sunt argumentationum species

[illegible] exemplum [illegible]

[illegible] syllogismus enthymema

Quid est inductio? [illegible]

[illegible]

[illegible] omnibus universale [illegible]

[illegible]

[illegible] igne liquari

Quid est exemplum?

[illegible]

[illegible]

[illegible]

[illegible]

Quid est so...

[illegible]

[illegible]

[illegible]

[illegible] consequitur ut cum [illegible]

[illegible] ergo avari sunt miseri

Quid est dilemma?

[illegible] argumentatio composita [illegible] [illegible] [illegible] [illegible] in commune utrumque [illegible] post divisionem totius in partes [illegible] [illegible] [illegible] [illegible] fuerat [illegible] dicitur

[illegible] rationem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible]

Quid est syllogismus?

[illegible] propositionibus [illegible] [illegible] [illegible] de positis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] propositione [illegible] [illegible] [illegible] ut virtus est habitus bonus [illegible] [illegible] est [illegible] [illegible] est [illegible]

Quid est [illegible]

[illegible] [illegible] [illegible] [illegible] Petrus est [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] omnis homo est [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible]

[illegible]

unam est simplex ... or

[illegible]

[illegible]

omnis mens est cogitans. ergo omnis mens est spiritualis ...

... ratio illud omne cogitans ... medius terminus sat ...

cum utroque termino convenitur maior nempe termino ...

[illegible]

... in alio argumento ... ita componitur ut incertam con...

[illegible]

em non est disiunctum sed verum directum est rationibus ...

[illegible]

conclusionem compleitur

Syllogismus duplex est ... vel rectus

plex vel conditionalis vel disiunctivus vel copulativus

[illegible]

... conditionalis est et incertam conclusionem

... ut aio syllogismus si deus existit mundus ...

... existit ergo ... est

... unam est ...

[illegible]

res ...

[illegible]

... duobus dominis ... deo et mammone ...

mamone servit, ergo non servit deo

[illegible]
[illegible] argumento [illegible]
altera re tamen falsa.

Quot sunt sophismata?

[illegible] sunt re [illegible] in dictione, alia extra dictionem [illegible] dicantur

Quae nam sunt sophismata in dictione

[illegible]

Quid est aequivocatio?

[illegible]

Quid est amphibologia.

Est [illegible] in maiori [illegible] vo[illegible]citur in minori pro genitivo.

Quae nam sunt sophismata extra dictionem?

Sunt plura. Sed maius [illegible] commemorantur [illegible] enumeran[illegible] [illegible] ignoratio Elenchi, et imperfecta enumeratio

[illegible]

[illegible] et [illegible] si tantum per accidens con[illegible] [illegible] per accidens alicui [illegible]

[illegible]

[illegible]
Anima nostra est immortalis, quia est [illegible]
[illegible] sunt [illegible] immortales [illegible]
[illegible] immortalitate animae [illegible]
immortalis est enim non solum quia spiritualis est [illegible] quia est
[illegible] spiritualis contra [illegible]
[illegible]

Quid ignorantia elenchi?

Elenchus est argumentum [illegible] ignorantia elenchi dicitur

Quid est imperfecta enumeratio?

Est cum non omnia assignantur quae [illegible] esse possunt
et [illegible] Titius damnatus est capite, vel sua culpa [illegible]
[illegible] imperfecta est enumeratio [illegible] etiam falso, seu
in victo improborum hominum [illegible] accidere potuisse

Quomodo solvuntur sophismata?

Variis m[odis] [illegible]
[illegible] sophisma [illegible]
[illegible]
quaestionem traducitur.

Quenam est quarta mentis operatio [illegible]

Est illa mentis operatio, qua ideas, [illegible] ratiocinia quae de
aliquo subiecto habemus [illegible] quae illi ex[illegible]
maxime conveniat

Est ne vera admittenda et ab illis distincta sit ve[illegible]
Dico vere admittendam esse et ab aliis distinctam [illegible]
[illegible]
[illegible] rationibus [illegible]

[illegible] rerum [illegible] solum per [illegible] obtineri

Quotuplex est Methodus?

Duplex: est analitica [illegible] et sintetica quae compositione [illegible]

Quid est Methodus analitica

est per quam [illegible] ad [illegible] partes reducta ut cum [illegible] parte [illegible] partes [illegible] minores quibus [illegible] resolvitur [illegible] minuta [illegible] singularia [illegible] omnes possibiles fingit et [illegible] et alias quam plurimas profert

Quid est Methodus Sintetica?

Est ea qua a generalibus exorsi ad minus [illegible] tunc retro propositiones [illegible] tam [illegible] cognitionem non [illegible]

S/L

LOGICA MINOR

LOGICA MAIOR

Proemio

[illegible]

[illegible] abiti del mondo privo della loro vera conoscenza. [illegible]

[illegible] sue belle opere secondiamo il dettame [illegible] onde nelle [illegible]

[illegible] lo siamo [illegible] il [illegible]

[illegible] a Dio siccome in prima è dover nostro [illegible]

[illegible]

0/1

De prima Mentis Operatione

Perceptionem non [illegible] a iudicio convenient [illegible]

[illegible]

perceptionis distinctionem in puram intellectionem [illegible] imaginationem

[illegible]

[illegible] tamque [illegible]

[illegible]

[illegible] estimant nullam dari reapse puram intelle[illegible]

[illegible] imaginem [illegible]

[illegible]

[illegible] contendimus nos [illegible]

[illegible]

[illegible]

[illegible]

ut numerum considerantes corporeo modo percipere. attamen cum hoc

agimus iam nobis ipsi persuademus rem prius puram [illegible]

nos applicase vel humana [illegible] et cum

[illegible]

[illegible] phantastice [illegible] temus. deinde [illegible] sum est quo [illegible] nos cogi[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

consequitur tum ex [illegible] s nominum sec Animae, et Angelis aplicato-
[illegible]
[illegible]
[illegible]
[illegible]
110 [illegible]
[illegible]
ad judicium sat est [illegible]
dous vel aliquo sat nomine, sed requiritur ut mens praecise atten-
te [illegible]
conveniant nec ne [illegible] convenientia vel disconvenientia.
[illegible]

... vitae commun... ... sententi...

... in... ... ...

... mina scientiarum artium et virtutum omnium commun...

... mente revolvunt reminiscentiam sibi ...

... scire ...

ille vocat isola quasi summa ...

nousima adorare que eam cerebrum ... sentit meurs sensibus sine

... objectivo. ...

... res omnes extensas speci=

... Sententia ...

... es corporeas. Actione vero sui illa ...

omnia materia cognoscit

... sententia ...

... corporure singulis ...

... fortuito transeam per via Jacobeam Parisiorum ...

[illegible] in femine quem cum [illegible] [illegible]
[illegible] [illegible] philosophiae [illegible]
studium [illegible] in ea sic [illegible] [illegible]
[illegible] [illegible] spontaneum in non nullis [illegible]
[illegible] annos [illegible] inquirenda veritate
[illegible] et sublimes [illegible] mentis nos[tr]

[illegible] creas et materiales [illegible]
[illegible] ab aeterno [illegible] habuit et [illegible]
[illegible] ab aeterno habuit non sunt [illegible]
[illegible] omnes creatae etiam [illegible]
tamen [illegible] nos [illegible] non [illegible]
[illegible] rerum omnium [illegible]
ex quo [illegible] mentem nostram [illegible]
[illegible] cum sit maxime spirituale intelligibile et
[illegible] et quia [illegible] in [illegible] nostris [illegible]
[illegible]
[illegible] corporeum sic ex [illegible] suam
[illegible] [illegible] ex
[illegible] motum sit [illegible]
[illegible] [illegible] spiritualis [illegible]
[illegible] divinae etiam esse [illegible]
et mentis [illegible] tamen
[illegible] sit [illegible]
[illegible] originem [illegible]
[illegible] [illegible] ingre

[illegible]

[illegible] Platonis [illegible]

Platonis sistema [illegible] praexistentiam animarum no[illegible] [illegible] intus [illegible] sed [illegible] verius [illegible] est [illegible] generis [illegible] [illegible] et [illegible] nostrarum [illegible] [illegible] est [illegible] et quam [illegible] Creat[illegible] non enim ac [illegible] ut [illegible] [illegible] omnes siquidem [illegible] Creat[illegible] [illegible] esset Platonis sententia [illegible] non inveniuntur [illegible] praexistentes [illegible] [illegible] est Platonis sententia [illegible] experiamus [illegible] memoria [illegible] nostrum est [illegible] Platonem [illegible] omnis [illegible] tias com[illegible] [illegible] quantum a veritate [illegible] est quia non [illegible] verum enim [illegible] ne [illegible] cognitasse quae nunc [illegible] est memoria rerum antea perceptarum [illegible] nova [illegible] [illegible] animi [illegible] rerum [illegible] [illegible] mente [illegible] [illegible] cognoscimus [illegible] rerum nos [illegible] Quis [illegible] se [illegible] se [illegible] antea [illegible] [illegible] in [illegible]

remi-

reminiscitur tanquam antea mente resolutam ... verum est Plato
... eorundem cecus a nativitate ... tempo ... ideas ... tio-
nem Ideę colorum objective excitare. Postremo nihil Deus et natura ...
... sed frustra natura et Deus ... nobis ... eorum
ministratione et usu rerum corporeum ... acquiresemus ... sensi
... mens ideas conficere vel raciocinando vel similitudine ...
cum rebus sensibilibus. His omnibus igitur bene atentis falsa evadit
Platonis sententia

... ignoti ... Ergo
nobis notę sunt scientię etiam antequam ... ventur

... ignoti ... unusquisque, et absolute ... ignoti in
parte, ... tamen ... aliquo
nobis potest ... clare, et ... in genere et confuse scienti-
nobis notę ... et ... quatenus audi-
vimus scientias existere ... sunt
scientię ... atque ... non omnes ...
Sic puer Gramaticus ... Philosophiam esse Philosophus est ...
cedimus itaque scientiarum ... nomine
existere et illis ... quatenus ... scientias ... et ... igitur ...
sum est ignorantem omnino scientiarum ... ex ... supra
recensitum proverbium ignoti absolute nulla est ...

... nos reminisci quę comparamus clare et distincte ...
runtamen in confuso ... reminiscentia ...
... sinnes atque ... confusę

... Ut

10

minet non omnio revo... jam antico animo, quo ... novo ...
Resp. Cond. De aliquibus aliquam insidere posse animo suspicionem illam jam nos cogita... vel ... non remini... ... quod ... ob... et ... menti ... que ... verti ... a mente ... in hac ... resentiens ... nemo est ... ceterum ... ra sunt que nova omn... sese ... et ... enascitur gaudium quo perfruimur in scientiis ... non ... rem aliquam ... invenerimus sed rem non nostram ... mus

... Plura sunt ... testimonia ex quibus ... animas nostras non creari ... cum corporibus ... sed longe ante Mundum conditum preexstitisse

Resp. ... sint ... testimonia non ... animarum ... sed tantum ... narrationem ... vel ... in Mundum ... venire in hunc Mundum intelligi debet non quatenus ... in hunc veniat sed qua ... in potissimum Mundo.

... in historiis Pueros ... vel ... Geometricis ... nulla arte ... a Preceptore ... schierint

Respondeo ... probandum ... Verum dato etiam ...

... ani...

lumine naturali abnuentes rerum naturæ et [illegible] modis [illegible] scientiam aliquam obtinere potuisse [illegible] casu et fortuito [illegible] nempe tali rerum combinatione.

Scholion

Ex [illegible] absurditatem sententiæ [illegible] [illegible] ex [illegible] [illegible] [illegible] ante [illegible] concitum multo minus [illegible] in [illegible] quæ enim non existit, non potest [illegible] qui vero [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] rerum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] bis omnia nata mala, et derivari. (c) nota [illegible]

Expenditur Sistema Democriti Epicuri, et Peripateticorum

Sistema Democriti [illegible] mentem nostram [illegible] [illegible] omnes [illegible] [illegible] [illegible] animam et res omnes [illegible] [illegible] [illegible] [illegible] substantiæ spirituales [illegible] [illegible] [illegible] [illegible] ergo Democriti sistema [illegible] origine [illegible] [illegible] anima nostra sit substantia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] rerum [illegible] [illegible]

et.

non possumus percipere [illegible] n.s. [illegible] quae ex parte rentis et intimo sensu [illegible] tamen non possumus [illegible] per adventitiam [illegible] sed etiam hoc contrarium [illegible] rentis et intimo sensu nam [illegible] ergo

Obj. [illegible] contra Democritum assertio supponit [illegible] rvas intersectiones [illegible] in questione

Respondeo [illegible] rvas intersectiones demonstratur a nobis non [illegible] ut in prima [illegible] ratione de [illegible] quam hoc in loco [illegible] est colligere.

[illegible] Res omnes [illegible] prout sunt in se [illegible] in nobis excitant [illegible] in quo [illegible] in nobis [illegible] in nobis [illegible] autem intelligi nequit [illegible] mentis [illegible] similes

[illegible] Quod [illegible] omnia [illegible] conantur [illegible] unum [illegible] cum autem [illegible] necessario [illegible] diversa [illegible] in nobis [illegible] quod [illegible] excitemur [illegible] reminiscentia [illegible] expertorum [illegible] sensationem in nobis [illegible]

[illegible]

[illegible] in [illegible] iam [illegible] eorum [illegible] res [illegible] no
et sit [illegible] imaginem [illegible] et [illegible]
sensuum [illegible] inter [illegible]

[illegible] in [illegible] et [illegible]
[illegible] eorum [illegible] modos sint [illegible] rum
momenta et [illegible] rum qui [illegible] sistema et [illegible]
Sunt autem etc.

[illegible] experimentia [illegible] quaestionibus [illegible] rum [illegible]
rum sonum nempe [illegible] [illegible] [illegible]
[illegible] imago similis rei non haberetur [illegible] eum
eadem sit [illegible] ne sonus aut vox
ut [illegible] audiretur tota in toto auditorio namque [illegible] tantum [illegible]
[illegible] audiretur quae partibus medii [illegible] si [illegible] non
[illegible] similis [illegible] esset medium soni [illegible]

[illegible] Quamquam eadem sit [illegible] in diversa corpo-
ra non eadem tamen est in diversis corporibus lucis reflexi[illegible]
[illegible] diversa reflexione diversus exhibetur color [illegible]
[illegible] quin [illegible] diversa corpora diversas [illegible]
similes [illegible] species et menti [illegible] obest [illegible]
[illegible] textura corpora specialem [illegible] proprium [illegible]
[illegible] potissimum [illegible] colores non sint modi rei [illegible]
[illegible] sed tantum speciales et diversae in diversa corpora [illegible]
[illegible] partibus quamquam [illegible] medium
soni per motum [illegible] vibrationum earum [illegible] tamen [illegible]
ta audiri potest in organo [illegible] iam partibus omnes

[illegible]

[illegible] quasi [illegible] radii [illegible] [illegible] [illegible] omnes quo-
rum commune est centrum

Obiiciunt. Peripatetici intellectus est potentia immanens [illegible]
[illegible] [illegible] nec [illegible] extra se ipsum [illegible] [illegible]
[illegible] in se ipso [illegible] autem [illegible] [illegible] [illegible] [illegible] extra se
agere [illegible] [illegible] ad ipsum intellectum [illegible] est [illegible] species
objectorum [illegible] et [illegible] [illegible] [illegible] et [illegible]
Quo vero intellectus non agat extra se [illegible] quia [illegible]
[illegible] [illegible] [illegible] intrinseca nec [illegible] id est [illegible] extra
veram et [illegible].

Resp. [illegible] quamquam intellectus est potentia immanens, tamen [illegible]
[illegible] agere [illegible] extrinsecas. Non [illegible] enim potentia quae
mechanice operatur [illegible] et [illegible] [illegible] quae [illegible]
[illegible] [illegible] potentia quae [illegible] [illegible] virtualiter
[illegible] spiritualiter operatur, [illegible] [illegible] mechanice [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] est [illegible] nec [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] sit extra se [illegible] operatur [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] actione quod modum se
[illegible] [illegible] [illegible] continuus [illegible] [illegible] corporali [illegible]
spirituali quo [illegible] operari [illegible] [illegible] dato etiam quod intellectus
[illegible] immanenti [illegible] [illegible] [illegible] [illegible].
[illegible] urget ipsa eorumdem Peripateticorum quaestio et
[illegible] [illegible] [illegible] enim [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] extra [illegible] [illegible] quantum [illegible]

[illegible]

... stur a corporeo. ... hec ambo sun... [illegible]

[illegible]

... stans maxime adhibito sensuum min... [illegible]

[illegible] ... non debet [illegible]

[illegible]

... tem corporeas, et sensibiles ideas [illegible]

[illegible] ... quando erat corporeum deinde intellectus dic age... est corporeus vel incorporeus ... [illegible]

[illegible] obiectorum [illegible] stione [illegible]

[illegible] in medium abstruunt speci [illegible] excipient modum quo res corpore [illegible]

[illegible] agens est non patiens. [illegible]

[illegible]

[illegible] sua observatione.

[illegible] omnia [illegible] [illegible]

[illegible] modum quo [illegible] [illegible] animus

[illegible] [illegible] [illegible]

[illegible] omni [illegible]

[illegible] immensitatem qua res omnes continet [illegible]

[illegible] regit non [illegible] videmus [illegible] summa [illegible]

[illegible] sit [illegible]

[illegible] ratio [illegible] que omnia absurda [illegible] nec om

nia quisquis propositionem suam modificare velit [illegible]

sistemate Mallebranchio das est concludere [illegible]

objecta omnia a Deo. [illegible]

[illegible] Dei cognitio [illegible] absurdum [illegible] animam

[illegible] Deo secundo etiam [illegible]

[illegible]

[illegible] et Deo [illegible]

mens [illegible]

[illegible] um Deo [illegible]

[illegible] Mallebranchi ne

[illegible]

[illegible]

omnia [illegible] in Deo videremus [illegible] est [illegible]

[illegible] cum [illegible]

[illegible] in parte [illegible] videremus [illegible]

[illegible] quo [illegible]

[illegible] ut est in [illegible] omni [illegible]

[illegible] [illegible] ratius nobis [illegible] [illegible] perfectissimum, habent [illegible] [illegible] [illegible] experientia postulet, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] systema [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] si intimus [illegible] [illegible] consuluit [illegible] mens [illegible] [illegible] cognoscere [illegible] [illegible] [illegible] [illegible] diversimode [illegible] [illegible] continentur in archetypis [illegible] [illegible] [illegible] est [illegible] [illegible] et inaequale [illegible] cognoscere [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] omne [illegible] [illegible] [illegible] [illegible] quod [illegible] menti [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et in idea rerum [illegible] [illegible] [illegible] [illegible] naturam et proprietates. Convenire autem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] veritas [illegible] [illegible] [illegible] simum [illegible] [illegible] [illegible] [illegible] [illegible] momenta quibus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sententia [illegible] in [illegible]

[illegible] tentia est [illegible] enim Deus [illegible]

[illegible]

[illegible] nobis [illegible] a sensibus [illegible]

[illegible]

[illegible] nus est [illegible]

[illegible] brevitate et simplicitate [illegible]

[illegible]

[illegible] ratione [illegible]

mus [illegible] et sunt in se et in [illegible]

[illegible] sapientiae [illegible] Deus [illegible]

[illegible] a medio [illegible]

[illegible] magn[illegible]

nobis [illegible] in nos [illegible]

[illegible]

[illegible] nostris [illegible] immediate [illegible]

[illegible] quo nobis [illegible]

facultatem intelligendi quam sit per ipsum immediate et prae:

cise perciperemus. Quod si [illegible]

[illegible]

mag[illegible]

suum

[illegible] iam irradiare [illegible] contrario [illegible] digne [illegible]-
rum [illegible] imag[illegible] [illegible]
[illegible] a divino.

Ins 2i [illegible] omnis [illegible] nos viatores, Nam
[illegible] contemplarer angulum recti alicu-
ius equalitatem [illegible] viderem angu[illegible]ius equalitatem.
[illegible] equalitas
[illegible] video, sed hoc pro-
[illegible] perceptionis medium nec tamen [illegible]
nos in Deo totum [illegible] videri [illegible] perfectis-
[illegible]
[illegible] habeantur [illegible] Nam [illegible]
[illegible] omnes [illegible] sed non omnes [illegible]
et mensura perfruuntur visione.

[illegible]
[illegible]ens quemadmodum ab omnibus hominibus attingeretur [illegible]
[illegible] beatis sed non [illegible] omnes sub co-
[illegible]
[illegible]
[illegible]
[illegible] necessariam equali-
tatis exhibitam apparentiam [illegible]
[illegible]
[illegible]
[illegible]

Deus [illegible] pulcherrima [illegible] eorum ratio nem per numerum [illegible] in Deo vero [illegible] [illegible] non sunt partes in quibus [illegible] ex parte [illegible] [illegible] non qua [illegible] [illegible] probat [illegible] absolute [illegible] [illegible] tantum [illegible] [illegible] [illegible] beatos [illegible] [illegible] res mediis sensibus [illegible] in quorum apparentia [illegible] [illegible] et per [illegible] transferantur [illegible] summum bonum [illegible] vero [illegible] absque sensuum incommodo et [illegible] [illegible] intueantur et summum bonum [illegible] [illegible] eadem possessione [illegible]

[illegible]

[illegible] certum res est Deum ipsum intueri

[illegible]

[illegible] viventium et spectibus [illegible]

8/1

[illegible] non [illegible]
rationem [illegible], adeoque necessario ve
nimus statim in [illegible]
[illegible]
[illegible] cognoscamus statim [illegible]
[illegible] summi [illegible], ex creatis
[illegible]
ad verum [illegible] sumus ex [illegible]
surgens [illegible]
[illegible]
est quod creaturae sint limitatae et imperfectae [illegible] nobis
[illegible] nobis [illegible]
[illegible]
[illegible]
[illegible] creator [illegible]
[illegible] non [illegible] et in eadem [illegible]
tionis repraesentatione [illegible]
[illegible]
creaturarum [illegible]
[illegible]
[illegible] entis Divini

[illegible] bonu
[illegible]
[illegible]
[illegible] mente [illegible]

[illegible]

[illegible] inclinationes [illegible]

potest [illegible] mentem nostram illuminare et determinare

[illegible] est quod solus Deus vel aliquis mente ipsa nobilius [illegible] mentem nostram [illegible]

[illegible] externorum [illegible] menti exibeantur [illegible] atque mens [illegible] determinato [illegible] Dei [illegible] tali objec[illegible] [illegible] mens [illegible] diversa [illegible] impressione [illegible] diverso [illegible] mens [illegible] percipit delectationem [illegible] mens [illegible] cogitatione [illegible]

[illegible] cum enim Deus sit [illegible] summum bonum, non [illegible] boni [illegible] proptera cum bonum natura sua [illegible] nostris [illegible] [illegible] nostris [illegible] imperfectionem [illegible] objectum in quibus bonum non requirimus, sed potius carentia bo[illegible] [illegible] cognoscitur [illegible] [illegible] determinamus sive [illegible] [illegible] quia cum anim[illegible]

[illegible]

[illegible]

[illegible] ommarles [illegible]

[illegible] rum

[illegible]

[illegible]

[illegible] n Deo videamus in quo omnia continentur

[illegible]

[illegible] quam presens esset si numquam [illegible] menti nostre occurrere [illegible]

[illegible] inamus itaque quando volumus per vim fantasie [illegible]

[illegible]

[illegible] rneri potest res illa particularis [illegible]

[illegible] in concreto generis vel spe[illegible]

[illegible]

[illegible]

[illegible] Platonicus [illegible] [illegible]

[illegible]

[illegible] philosophi imo aliqui ex his accreverunt [illegible]

[illegible]

motis adornatores ideas omnes [illegible]

t [illegible] Geometricam [illegible]

damentum est per hos Charlesianos [illegible] nostra [illegible]

non [illegible] excitantur [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] mentis actualiter [illegible]

[illegible]

raciocinio conjectura vel conjectatione [illegible]

[illegible]

[illegible] neque ex [illegible] experientia [illegible] mus de rebus abstractis cogitare rationem [illegible] intelligere con[illegible] fit ut nihil clare, et distincte concipiatur [illegible] occurat menti fantasia corporea quae [illegible]

[illegible]

[illegible] corpori vacua [illegible]

[illegible]

[illegible]

[illegible] alteram colligere. Hæc quomodo [illegible]

[illegible] conjunctionis cum co[illegible]

[illegible] alia. Verum facilius [illegible]

[illegible] cum ad vitam hominis [illegible]

[illegible] fœtum in utero ma[illegible]

[illegible] mutuus matri et fœtui canalibus [illegible]

[illegible] vescat subeunte per matrem [illegible]

[illegible] solet qualibus hanc corpori [illegible]

[illegible]

[illegible] rationibus major copia spirituum [illegible]

[illegible]

[illegible]

[illegible] ... in gloriorem Dei ... [illegible]

[illegible]

bona omnia subripere quibus actu [illegible] timet Deum illumque

amat [illegible]

at per parentes Deum orare illique [illegible] colunt

Deum esse colendum hinc quisquis [illegible]

[illegible] veneratur quam maxime [illegible]

[illegible]

[illegible] eius amorem [illegible]

[illegible] mensibus ex [illegible]

[illegible]

[illegible] et maiorem et quam nomini [illegible] intelligat [illegible]

[illegible]

[illegible] creaturas omnes homines [illegible] [illegible] et omnes aversas [illegible]

[illegible]

[illegible] conclusionem [illegible]

[illegible] ingratum concludett et hinc [illegible] preseranda partissimum [illegible]

[illegible]

[illegible] in sua parte [illegible] extensionis corporum quae [illegible]

[illegible]

[illegible] occupat spatium uno verbo ex. [illegible] relativa magni [illegible]

[illegible]

[illegible]

[illegible] tota [illegible] non divisa panis quantitas et minus [illegible]

[illegible] diversitatis magni[illegible] [illegible] partis

[illegible]

cum gaudens [illegible]

[illegible] est idem

simul esse, et non esse obvium est enim quero amarum et [illegible]

[illegible] percipiet diversitatem amari a

[illegible] percipit quod dulce non est

amarum [illegible]

quia [illegible]

[illegible]

esse hoc autem [illegible]

[illegible]
[illegible] esse [illegible] eorum [illegible] idem esse
[illegible] eorum [illegible]
[illegible] realitas et [illegible]
[illegible] que sunt eadem
[illegible] ab quo genere vel
[illegible] omnes itaque tum ideo [illegible]
[illegible] notiones tum semina [illegible]
[illegible]
[illegible]
[illegible]
[illegible] sicut [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] Verum conatus mentis est enim
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] perfectus requiritur usus ratio[illegible]
[illegible]

[illegible] et puellum [illegible]

[illegible] illis persuaderet [illegible]

verum per [illegible]

[illegible]

... in cognitionem ... [illegible]

... rebus omnibus attentione atque ... [illegible]

... comparat, confert, secernit ... [illegible]

... Deum intelligit potius imaginari ... [illegible]

... revolutione. Quam ... [illegible] ... distinqueretur ... [illegible]

impressionibus experientiae [illegible]

[illegible]

[illegible]

menti intime deberent qualibet vel levis sen[illegible]

[illegible]

[illegible]

[illegible] aeternas [illegible]

obiecta ut ita dicam et menti [illegible]

vero in puello sua ignorans verba, rerum nomina [illegible]

[illegible]

[illegible]

[illegible] cum nihil reficeuse, sec [illegible]

[illegible]

[illegible] infantes sunt qui [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ohe tumquo ab [illegible]

[illegible]

[illegible] et se et objecta corporea sensibilia [illegible]

[illegible] idealem [illegible] spiritualem [illegible]

[illegible] relationum, et compa[illegible] [illegible] unitatis et idea absoluta [illegible]

[illegible] respondent in rebus sensibilibus [illegible]

[illegible] quod non convenit naturæ [illegible] communi, quam habent homines et format [illegible] absolutis [illegible]

[illegible] demonstravimus [illegible]

[illegible] vel inde habita [illegible]

[illegible]

[illegible] menti revocanet sive videret raciocinia [illegible] se inventa non esse quod contrarium [illegible] rienti rationi et intimo sensu.

[illegible] nemo potest dicere quid ignorat seu mens antequam [illegible] secus illas jam haberet. Ergo mens non facit ideas [illegible] non intelligeret quod vellet.

[illegible] dicere quod non intelligit inductive et [illegible]

[illegible]

intellectum. In [illegible] est sive intelligit se percipere. Hinc reflectit su[illegible] ceptionem et an iterum intelligit se reflectere. Per [illegible] utrum conveniat illi objecto a quo discriminetur utrum [illegible] sit utrum bonum an malum et sic inde deducit et infert [illegible] an amplectendum vel respiciendum [illegible]

[illegible] non est dicendum mentem [illegible] ideas intelligere quia antea [illegible]

[illegible] vertere [illegible]
[illegible]
[illegible] volle deret et per reflexionis versa
[illegible]
tractas intelligit [illegible] quia voluntatis ad se ipsam [illegible]
[illegible]
ri accesse intelligere [illegible]
[illegible]
[illegible]
[illegible] objecti determinentur ad rationes
[illegible] mens deducit a rebus corporeis ideas ab-
[illegible] abstinere ideas et abstrat [illegible] aliis ideis
[illegible]
[illegible]
[illegible] reflexionis non possunt produci [illegible]
[illegible]

[illegible]
[illegible] realia entia ideis [illegible]
[illegible]
[illegible]
[illegible] cogitanti [illegible]

[illegible]
[illegible] potest cogitare atque ideas
[illegible]
[illegible] nequa [illegible] corporeis [illegible]

[illegible]

bent igitur [illegible]

[illegible]

e ipsam et [illegible]

[illegible] non posset operari. Sed [illegible]

[illegible] homines isti constituuntur ratiocinia. Ergo

[illegible] ist mens [illegible]

[illegible]

per unum adaequat sive per plura membra concedo quidem, perfec[illegible]

[illegible] cientibus, sed maior vel minor

[illegible]

[illegible] tacit qui [illegible]

[illegible]

inter sensus et mentem erue aliqua relatio sensuum ad ment[illegible]

[illegible] sed inter sensus et mentem nulla est proportio neque [illegible]

[illegible] quia sensus sunt corporei mens est spiritualis, et inter [illegible]

[illegible] nobis non est [illegible]

[illegible] mentem et sensus non est proportio [illegible]

[illegible]

[illegible] per sensus mens [illegible] ideas non est necesse ut sen[illegible]

[illegible]

[illegible] ideas sed sufficit modo ministerio sensuum m[illegible]

[illegible] sensu [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

propria perceptio [illegible] a nobis intelligi non [illegible]

perceptio sive actio mentis super objectum corporeum quin [illegible]

[illegible]

volvere [illegible]

[illegible] modo corporeo cum res [illegible] sit conveniencia [illegible]

[illegible]

[illegible] seu ea proficiscitur ex [illegible] nostris [illegible]

mo

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] ... *vnas sive aliis dominibus* [illegible]

um in singulis [illegible]

[illegible]

[illegible] *cum quælibet corpora, cum spiritum nostrum* [illegible]

[illegible] *unum distributive impertitum* [illegible]

[illegible]

[illegible] *sibi satis* [illegible] *naturæ* [illegible]

[illegible]

[illegible] convenimus [illegible] contractam [illegible]

[illegible]

nam si verum est, si sermo sit de actioni [illegible]

[illegible]

nit [illegible]

[illegible] nec homin[illegible]

... innata ut demonstrabimus et ... reflectentis exercitatio. Hinc negamus ...

... et moralia principia. Homo namque esse nequit ... ratiocinans et reflectens et cui non ... quae est inter se et ... atque utriusque ... est cui media non pateant ad ...

... recte vivendam vitam non sunt nobis innata.

... decoque primorum principiorum. Ac hoc probat ... non esse innata secus ... contra ...

... non vivat, peccat quia noscere poterat nec ... et naturalia principia cum ... cognitionem, quibus uti potuisset.

... Cum natura nostra inclinet ad bonum quod ... quantum sit. ... mens colligat esse contra naturae leges, a eoque ... et timet de gravis effectibus mal.

[illegible]

[illegible] Deo qui eam[illegible] nostri [illegible] [illegible]

[illegible]

[illegible] ornata boni [illegible]

mali hoc idem [illegible]

[illegible] Hoc autem contin[illegible]

[illegible]

eorum[illegible]

Propensio [illegible]

[illegible]

[illegible] [illegible] Dei ordine inclinet ad

bonum [illegible]

ideata

te corpori non sustenus misceatur cum corpore sed ...

idea vel in corpore est objectum intellectio autem est actio mentis cum vero

et de speciali objecto dicitur actio mentis sese revertens circa ...

sis. hinc ne confundas objectum cum idea cujus representas

aliter

...bus non ita intelligendum est

... mens ...

... nervum per quod mens operatur. sic cum dicitur corpus agere

... non intelligitur quod actio corporea transeat in mentem sicuti motus

... occasionales ...

ideas a ...

(a) nota pag: 236

[illegible]

sunt. colligit etiam illud esse perfectissimum necessarium et summum [illegible] et alio vel simile alteri [illegible] quaerit mens cum spectat [illegible]

[illegible] his distinctionem [illegible]

[illegible] instructa [illegible] contingentes esse et mutabiles natura [illegible]

[illegible] et imperfectiones [illegible] tur in effectu quae [illegible] in causa [illegible]

[illegible] uo et cum noverit perfectio [illegible] principium aeternitatem ne cum con[illegible]

perfectiones omnes collective [illegible] inexhausti et effectu excellentiorem [illegible]

[illegible]

fectiones quarum a creaturis colligantur [illegible]

J, LII

[illegible]

[illegible] ante oculos nostros [illegible]

[illegible] omnia esse ab uno Deo [illegible] eiusque

[illegible] generationem ac provisionem nostram [illegible]

[illegible] credere in ipsis in nobis [illegible] Dei et [illegible]

[illegible] sensibus [illegible]

[illegible] ad [illegible] Denique [illegible] Dei [illegible] entis perfecti

[illegible]

[illegible]

[illegible] vero ipsa [illegible] mentem concipere infinitum. Tunc [illegible]

[illegible]

[illegible]

rum finitarum. [illegible]

[illegible]

[illegible]

[illegible]

[illegible] Pro ut igitur mens percipit, [illegible] ad verum concip[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

est in se hocque concipi non posse a mente [illegible]

[illegible]

[illegible] ad infinitum [illegible]

[illegible]

verum efformari potest idea &c.

[illegible]em hic de idea immutabilis aeterni et

[illegible]

[illegible]

[illegible]

[illegible]
[illegible]
[illegible] perfectionum scilicet in carentia
maioris et summe perfectionis [illegible] habere ideae imper-
[illegible]
[illegible]
[illegible]lio cognoscitur et ideo carent [illegible] imperfection[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
enim et minus importat summum [illegible] in idea [illegible]
[illegible]
[illegible] vidue creature tamen [illegible]
[illegible] imperfectio non erit necesario [illegible]
[illegible]
[illegible]
[illegible]
res essent infinite nullam [illegible] causam atque necesario
nos non moverent ad ideam summe infinitatis sed [illegible]
[illegible] perfecte sint et finite res [illegible]
sequitur idea entis [illegible]
et res extra nos careant summa perfectione [illegible] sint [illegible]

[illegible] mirabile quidem quo ad illam ipsam seu proprie quoad conceptum [illegible]

[illegible]

[illegible] increatum sine [illegible] que nobis [illegible] Deo inesse, quia sive in nobis [illegible]

[illegible] quia non sunt entia a se sed parti [illegible]

[illegible] realiter [illegible]

[illegible] infinitatem et perfectionem [illegible]

[illegible] mens cognoscit [illegible]

[illegible]

[illegible]

[illegible] ab ipso [illegible]

[illegible] ex parte corruptibilita[illegible]

[illegible]

[illegible]

et illi tribuit omniscientiam [illegible]

[illegible] quam imperfectus et finitus [illegible] summi [illegible] vero

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] infinitatem [illegible]

[illegible]

[illegible]

[illegible] imus infinitum, id est positive negamus per conceptum mere [illegible] tum non est positive concipimus ipsum in: [illegible] infinit[illegible] con[illegible]

... [illegible] ... les et extensio quae super. [illegible]

Caritas tranquilli nihil vale[illegible]

vel quo ad ejus essentiam, quae [illegible]

percipere infinitum, et tale est

[illegible] per ipsas haberi nequit idea infinit[illegible] creaturae cum sint aliquo[illegible] [illegible]

[illegible]
[illegible] multa cognoscuntur nulla habita comparatione [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] omne [illegible] usque in infinitum [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

... summo ... relate ...

... eamus in idea summe perfectionis

... perfectiones omnes communiter et ...

... et aliam infinite maiores ita ut nulla sit vel ex...

... negare summam perfectionem ...

... videm perfectissime. concedo si vis nos educare ...

... creato ... ut realiter existens perfectum ...

... praevie ideam perfectionis quatenus ...

... perfecti summi praevie ideam imperfecti ...

Quod spectat ad negativum, quod dicitur cognosci ...

[illegible]

ex negatione boni concipimus malum.

[illegible]

Nam omnes cognoscuntur corpora quae [illegible]

[illegible]

ex intimo sensu sui [illegible]

[illegible]

[illegible]

[illegible] perfecte [illegible]

[illegible]

[illegible] est [illegible]

[illegible] nere non potest

[illegible]

[illegible]

[illegible]

[illegible] Est autem [illegible]

[illegible]

[illegible] ex[illegible]

[illegible] exibent causam sui [illegible] necessariam [illegible]

[illegible]

1131

... nim ... immutet ... habeat summi nominis Dei

... ideam ... universi

... ventia rei ex parte ... sentiat ... species ... satis est vera ...

... retur imp...

... vera ... certa et manifesta ... autem imperfect...

... cognitio ...

... in earundem contemplatione ... carum

... existens et non existens

... ignorantes ...

... qui nisi innatam habeat ideam

... non ...

[illegible]

reaturis cohaerentibus [illegible]

[illegible] vaticinatus esset [illegible]

reaturae se habent ad invicem [illegible]

[illegible]

et negativo, iis nempe que [illegible]

[illegible]

[illegible]

Inoa sic argumento, si res ipsae im[illegible] ecle sunt aliouie von[illegible] d oox [illegible]

autem est infinita potentia

[illegible] quia colligitur [illegible]

om.

[illegible]

les. (rao [illegible]

[illegible] aute et rela-
tionem habitudinis, [illegible]
[illegible] sunt quo
[illegible] creationis, et quo ad conexionem [illegible]
enim sunt creaturæ in quantum [illegible]

[illegible]
nobis idea omnis creatoris [illegible] creaturæ, valet in contingentia
[illegible] quia valet non [illegible] creatore; nam
si supponatur generale [illegible]

[illegible] absolute non concipi [illegible], positivo,
[illegible]

[illegible]
[illegible] conciliatur

[illegible]

[illegible] respectivas
[illegible]

[illegible] non [illegible]
[illegible]

[illegible]

ginam Dei. Unde per Sen[illegible]

vae vin conti[illegible]

per rationis naturalis intuitionem [illegible] hanc testimonium quod nemo [illegible]

[illegible]

[illegible] manifestum inquit est [illegible]

[illegible]

[illegible] tantum valet, quantum-

va-

ctione fulcitur. Etenim Patrum sententia

ideis innatis, quod patet ex quod alibi demonstravi

invisibilis natura ... suam vestit

excerminti dicunt ut ... nec cessant

... est omnibus ingenita

... omnibus ... imperii

nem ... Ergo idea Dei non est innata

... principiorum neque ex earum abstractionem

unum sistema

At jam vero ait ... mens nostra non est

... insita ...

... natura sua ...

... non scientia ...

... (A) nota ...

concludentes nempe simplicissimam ... in rebus ...

... universalibus et singularibus

... [illegible] ... putavi ...

species pariter et genera sunt aliquid particulare ...

... et ... per comparationem ...

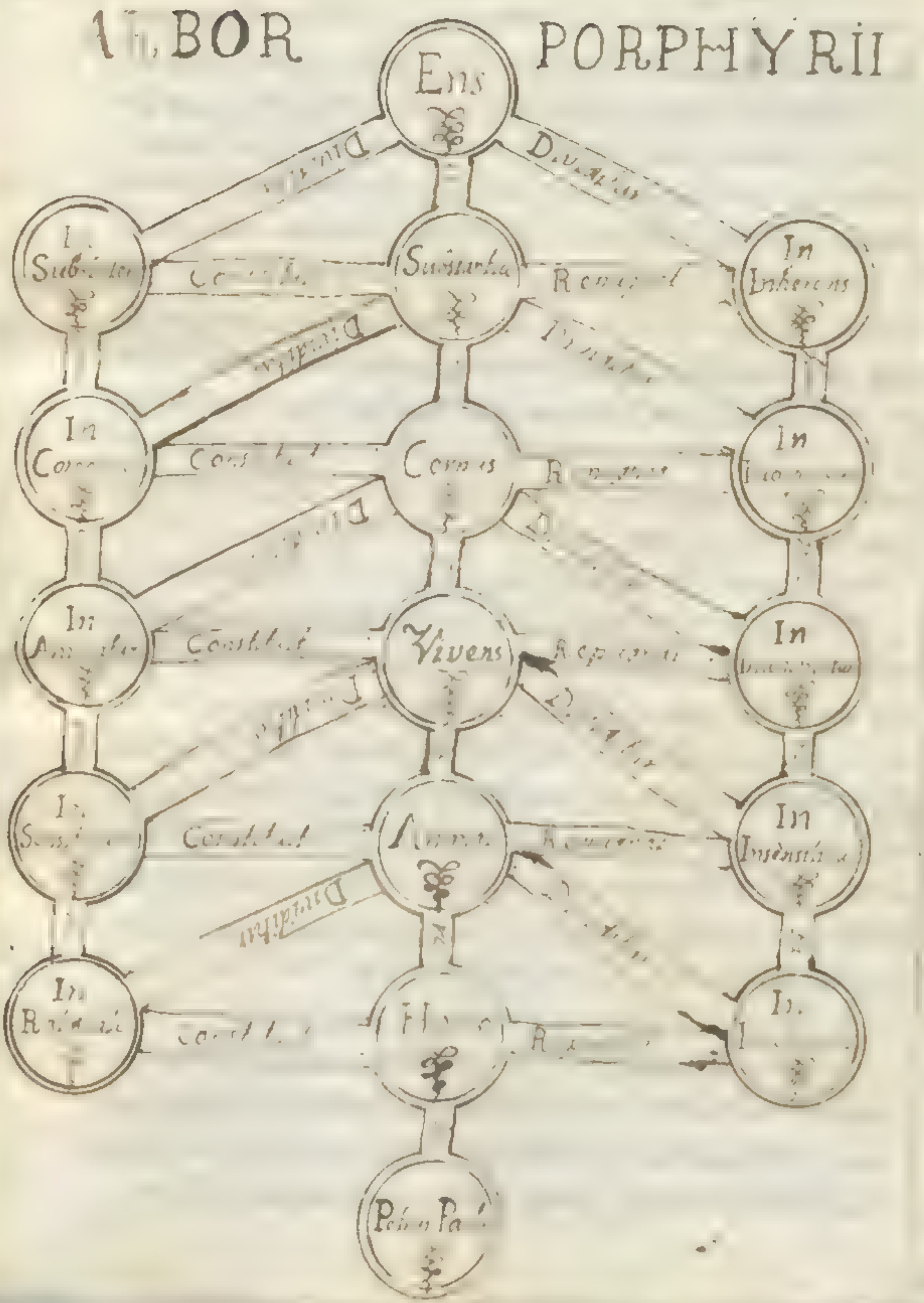
ex. gr. saxo, ferro, aqua ...
ratis ... quod si in speciebus
... comparationem mente

... sumunt ex singularibus ... enim ...
... omne ... de ... saxo

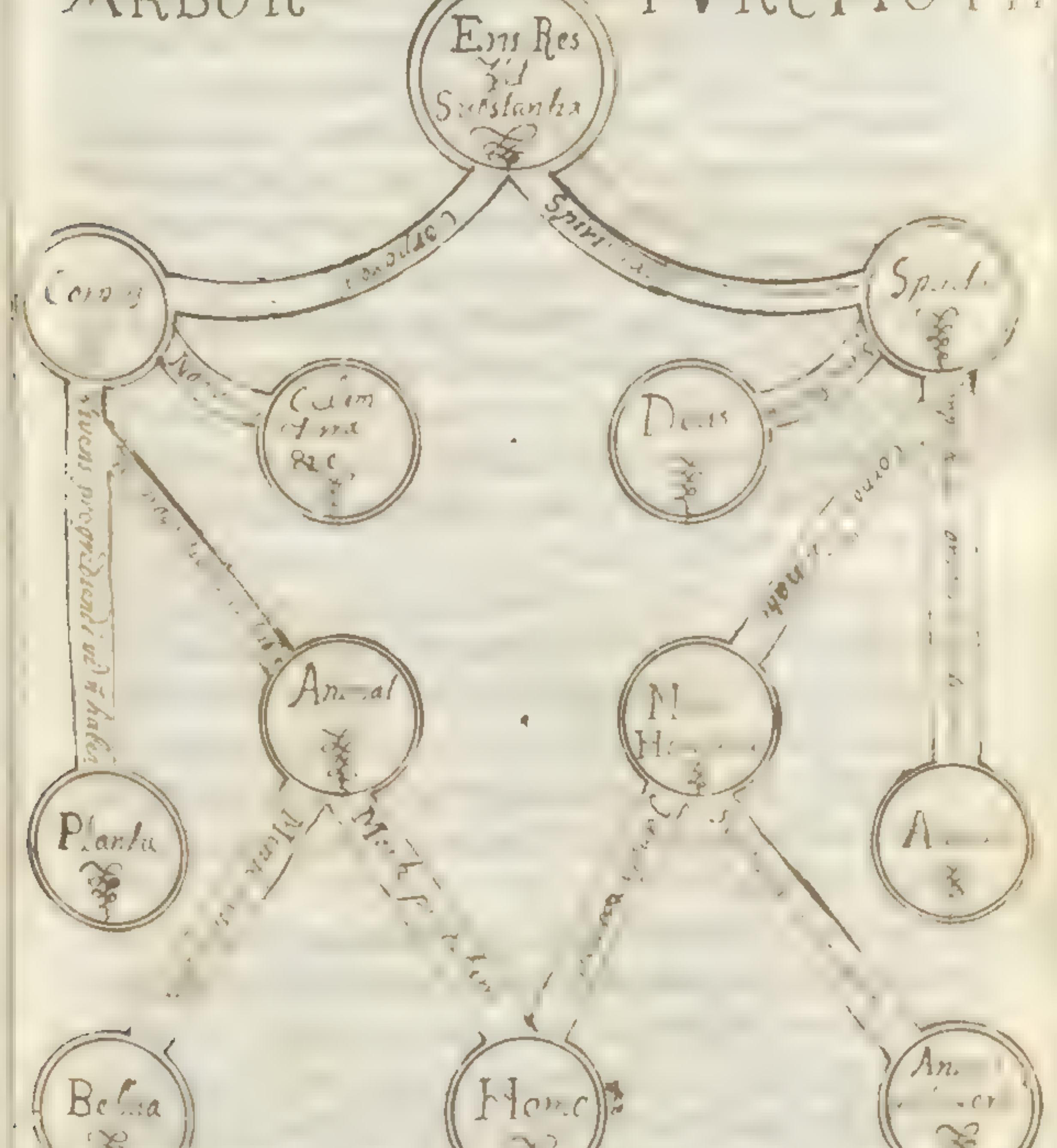
1.10

[illegible]

ARBOR PORPHYRII



ARBOR PVRCHOTII



[illegible]

[illegible] omnes sermo sit omnes uer sunt adequate [illegible]

[illegible]

exeunt et sunt inadequate [illegible]

[illegible] argumentis

[illegible]

rria naequata ad phantasiam cum in illis et enim

ut ei invadat contra eqem et nu.o

adequata

comparsentur omnes idee

omnis oeux

fatur verum ade

cavendum porro est ne nadequatas cum adequatis ideis confundamus

cum confinius omnino sus exsiverit facile est enim ut ubi unam

quamm nan nius ideam iam si in

ius exaudiam ut credimus idam reperimus nunc postremum errorem occurrunt qui cum artes suis putant nos illa sere ideam

unt nihil aliud esse men rem quam substantiam cogitantem nam adhu

ts non sola mens

a quo cognoscant ipsum a

rinitum ch. 2 rel.

rectissimus est Deus. ... rem nostram facit ... qui ... quas
... parte ...

... est ... certi ... plura existant que cognoscimus neces-
sario existere, nec posse nos concipere quomodo existant ...

... etiam qui ...
garunt materie, et ... entium ... dem ...
... si materies non est per se et a se, ... ut sit ex nihilo
... se quandoque ...

... quod sit ... et simul non ...

... claras et distinctas

obscuras et ...

Quid sint ideae clarae ... in ...

[illegible] abstraximus [illegible] spectatis omnibus objectis [illegible]

[illegible] re cujus naturam et proprietates inquirimus [illegible]

[illegible] quod scire cupimus [illegible]

[illegible] proprietatum objecti tunc [illegible]

[illegible] versari fatemur. [illegible] unt quas habemus cogitationis

[illegible] runt Logici exempla: [illegible]

[illegible]

... contemnere omnes ingenii nervos nu... ...arcere ... quantumcumque ... se ... rerum

...ant ...

nec dicere umquam ...

C

...ysticos interdum a quibus ... ...

...ibus sic etiam ...

...ari et de rebus etiam ... ...

... ... ad res et motiones corporeas ... ...

... vi sit unc sive altero nomine ...

... exsurr. remissam et secundum communem ...

... est contentarium, sed tamquam axiomi tenentia ...

... omnibus Prince ...

cavere debet ne totus sit ...

... im ant ideas vis sone

re et volvere ...

... eam categoriis et servatis hinc veritas ...

[illegible] hos sex fratres ardore [illegible]

[illegible] Gas van [illegible], sed [illegible]

[illegible] Autem recentiorem Chateyorne sequentem hoc disticho ex[illegible]nuntur.

[illegible] mensura [illegible] [illegible]

[illegible]

[illegible] animo [illegible] [illegible]

[illegible]

[illegible] directius [illegible] rem notatam ab [illegible] supremo [illegible]

[illegible] [illegible] subsistere.

[illegible]

15

[illegible]

[illegible]

[illegible]

[illegible] est [illegible] cognitio certa

[illegible]

[illegible] rei [illegible] scientia est virtus intellectualis [illegible] distinguitur [illegible]

[illegible] moralis ab intellectuali [illegible] pertineat ad voluntatem

[illegible] intellectum [illegible] est actus [illegible]

[illegible]

[illegible] voluntas [illegible] intellectus [illegible]

[illegible] in [illegible] res [illegible] necessa[illegible]

[illegible] voluntas [illegible] quatenus in rei [illegible]

[illegible] est [illegible]

[illegible] in verum et bonum proposito vero intellectui [illegible]

bonum mens [illegible]

[illegible] distinguuntur [illegible] actione non [illegible]

[illegible]

[illegible] quicquid voluntarie et liber[illegible]

[illegible]

ne facta non est actio voluntatis sed mentis

il terminorum in illa q

erit actio voluntatis etiam actiones

nuq nunt a nobis in corpore nostro ut o

determinare

in quibus scilicet evidens non est nec certa

veritas vel deformita

aliquid de im nobim fac sere vo aliaque de im no im exevisentis

mentis sed non simplex

ex re exione, per senem perceptionum.

assum iudicij suspendere. Ergo iudicium est

actus voluntatis

[illegible] Sola voluntatem conservare [illegible] ... eo vero [illegible]

[illegible] liberum est [illegible] ...

[illegible] ad [illegible] ... vero, [illegible]

[illegible]

[illegible] ... vult [illegible] continere et [illegible] extra

ab externis [illegible] cohibere [illegible] est [illegible]

[illegible]

[illegible] qui se opperetur sed voluntas [illegible]

[illegible] ... sed tantum [illegible]

[illegible]

[illegible]

tatem.

[illegible]

[illegible] est in perceptione [illegible] ob [illegible] me [illegible]

[illegible] divinitus revelata et
revelantis esse [illegible] actus ovoniens ex veracitate
nos

[illegible] intellectum ad assensum rebus a Deo revelatis non vero in [illegible]

[illegible] obscuris et actus intellectus qui ut [illegible] voluntas
[illegible] ad obscuritatem [illegible] verba [illegible]
[illegible] gerere [illegible]
[illegible] creditur et [illegible]

[illegible] non determinatur ad assentiendum [illegible]
[illegible] sicut in [illegible] sed ex voluntate [illegible]
[illegible] intellect [illegible] non [illegible]

[illegible] recitatio est [illegible]
que [illegible] statim factum [illegible] non [illegible]
[illegible] recitationis causae sunt vel [illegible]
[illegible] et molestam vel nimia [illegible]

[illegible] sententiae vel [illegible]

[illegible] posset [illegible] et [illegible] timor [illegible]
[illegible] ignorantes [illegible]

centr... et ca [illegible]

... immenso sistema quel impugnavano suscitate, vi proposizioni ... [illegible]

[illegible] ... et ... [illegible]

[illegible]

... quae nobis exhibent quae est in objecto ... et ... [illegible]

[illegible] ... Precisione ... [illegible]

in [illegible]

[illegible]

unt qui ex uno ... peccato in homine ... universi ... [illegible]

... accidunt ... quell' uomo è un [illegible]

[illegible]

de omnibus que ... sono ... [illegible]

[illegible]

[illegible]

... non potest in alio barbarum ...

[illegible]

[illegible]

[illegible] propositione [illegible]

[illegible]

[illegible]

Propositio

[illegible]

enunciatio sequitur [illegible] lectum ita se habeat ut ponatur sive [illegible]

nate falsa Ergo [illegible]

[illegible]

[illegible]

una absolute et [illegible] ecretum Dei. et ipsa [illegible]

determinativum vero [illegible] a Deus intellexit etiam [illegible]

positionum contradictio; nam [illegible]

[illegible] tivo et effectivo, quia [illegible]

[illegible] dretius cras curre bis, et

[illegible]

[illegible] ie, sed quod una sit vera, [illegible]

[illegible] futurum vel non futu [illegible]

[illegible]

ao cuidam
re contra

[illegible]

[illegible] bulae [illegible]
[illegible] renant et poneret [illegible]
[illegible] ut [illegible]
[illegible] contrarium et [illegible]
[illegible] tamen [illegible]
[illegible] propter [illegible]
[illegible] qui poterat [illegible]
[illegible] non devore [illegible]
[illegible] tal [illegible]
[illegible]

Con

[illegible]

sunt si sunt absolute necessario vera aut falsa

[illegible]

[illegible] non esse determinate vera aut falsa [illegible]

[illegible]

[illegible] sibi contradicunt [illegible]

[illegible] propositionum, nec enim ambae propositiones [illegible]

[illegible] cum esse [illegible]

[illegible] non [illegible]

[illegible] (superscript: et posituras) propositione prima erit vera [illegible] erit falsa et sic vicissim [illegible]

um non consequitur [illegible] [illegible] alteraque [illegible]

[illegible] [illegible] propositionum non natura sua futurum, sed [illegible]

[illegible]

um et certus sit Deo ordo rerum non tamen [illegible] sunt [illegible]

[illegible] nam Nam quidquid futurum est, vel non futurum

[illegible] et futurum vel non futurum [illegible] est [illegible] praevidet no

[illegible] vel non [illegible] [illegible] praevisio [illegible] quod

[illegible]

Petrus damnabitur si mala egerit [illegible] testimoniis [illegible]

[illegible] nobis salvare nos vel damnari quatenus a nobis pendet [illegible]

[illegible]

finem praevisio Dei [illegible] [illegible]

[illegible] ... etur ex

[illegible] ... tas definitive veritatis unius, aut alterius

[illegible] ... rum natura propositionum sibi

[illegible] ... ti una est determinati vero

[illegible] ... erat demonstrandum

[illegible]

[illegible]

ponemus vero. Pariter est indiferens pers [illegible]

[illegible] eveniat aut alterum [illegible]

[illegible]

in provasitione nempe studium hac [illegible]

[illegible] ad studium sese enim determinavit a [illegible]

[illegible] veritatem [illegible] enunciatum est

tione quod Petrus studebit ex obiecto propositionis [illegible]

[illegible] unde quo ad actum signatum non erat indiferens [illegible]

[illegible] veritatem vel falsitatem [illegible] Petrus [illegible] studebit

[illegible]

o falsam relate ad cognitionem nostram quae non videt futurum [illegible]

[illegible] revelet non relate ad obiectum propositionum qu

[illegible]

[illegible] propositiones contradictorias non posse [illegible]

[illegible] veras et falsas. nam si una est determinate vera [illegible] non est [illegible]

[illegible]

[illegible] firmation

[illegible] enim aliud est per nos veritas quam conformita[illegible]

[illegible] cum eo dicto vel quod proposuimus sive permeationem sive [illegible]

[illegible]

[illegible] aliquid existens, vel possibile ad existendum

[illegible]

[illegible] natura existere universalis [illegible]

[illegible]

propositio debet esse [illegible] tertia [illegible]

[illegible] unse uno verbo qua [illegible] est [illegible]

[illegible] m. vel negetur quod est affirmandum, [illegible]

[illegible]

vel negan[illegible]

De Diversis Propositionibus [illegible]

Tria sunt propositionum genera [illegible]

[illegible]

[illegible]

convenien[illegible]

Demonstrativa est in qua evidenter patet [illegible] con[illegible] non convenientia et in nexu [illegible]

[illegible]

ex natura rei patet Ut Deus est Omn[illegible]

[illegible]

[illegible]

anima est spiritualis vocitur Ideorem[illegible]

[illegible] rei convenientia

[illegible] robati [illegible]

[illegible] propositiones tantum indemonstrabiles ut [illegible]

[illegible] vana esse potest [illegible]

[illegible] ma esse eri.

[illegible]

catur et a quo [illegible] Posito enim [illegible] principio facile erit noscere [illegible]

[illegible]

[illegible] est [illegible] quando [illegible]

[illegible] necessaria [illegible]

[illegible] Veritas

[illegible] veritas [illegible] est [illegible]

[illegible]

[illegible] et recte [illegible]

[illegible]

[illegible] et [illegible]

[illegible]

[illegible]

[illegible] vestra sed [illegible] videndum est [illegible] sit vera ratio [illegible]

[illegible]

[illegible] non [illegible]

[illegible] de re quam [illegible]

[illegible]

[illegible] non [illegible]

[illegible]

gnoscenda et obtinenda veritate

cognoscendas res

nus nostræ contrectaverunt de verbo vitæ annunciamus vobis; sic Chris

em ... sunt sensus ... pura intellectio

[illegible]

[illegible] atione vel ex impedimento vel ex extrinseca causa [illegible] tamen non sunt per se subjecta [illegible]

[illegible] vero [illegible] in deum esset referenda si semper et [illegible]

[illegible]

[illegible] bene applicati [illegible]

[illegible]

[illegible] conducere nos po[illegible] ad [illegible]

[illegible] res aut in rerum [illegible]

[illegible] ne inter se [illegible] contradictoria reperiuntur [illegible] ones et tamen omnes asserunt se sciendum [illegible]

[illegible] tionem singuli [illegible] tamquam [illegible] et contradictoriae non [illegible] are et distincte.

[illegible] rans quibus fit ut credant se clare [illegible] percipere et verum [illegible] gere quod tamen [illegible] [illegible] quando [illegible]

[illegible] t supposita [illegible]

[illegible] clare et distincte sint confuse [illegible]

[illegible]

[illegible] et somniante veram habere ideam claram et distinct[illegible]

[illegible]

nis idearum

[illegible]

in se talis [illegible] ic veritas rei est prior verit[illegible]

[illegible]

tras judicare possimus

[illegible]

[illegible] criterio ut ostendat [illegible] veritas [illegible]

[illegible]

ta et quid verum est quod clare [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

de rebus

[illegible]

[illegible] ... sunt est in rebus [illegible] ...

[illegible]

... logice, regulas quae docet ut caveamus a [illegible]

[illegible]

... in inquisitione; deinde ipsa esset ratio [illegible] aliquando deceperunt [illegible]

[illegible] et si aliquando nos deceperunt aliquando etiam [illegible]

[illegible] retorquendo argumentum ex ipso

[illegible] semper [illegible] ergo ex ipso [illegible] non [illegible]

[illegible]

[illegible] autem est nos [illegible] non posse [illegible] somniamus [illegible]

[illegible]

[illegible] in [illegible]

[illegible] vivemus [illegible] nostrorum atque si in som[illegible]

[illegible] nobis utrum somniamus an vigilamus

[illegible] non habemus [illegible]

[illegible]

sub-

...iter potest evidenter patere, silicet.

...

...tales propositiones ...

...

...

...non ...

...

...notandum est ...

...

...externam hominum ...

[illegible]

[illegible]

[illegible] se [illegible] nobis quo [illegible] est propositio in qua predica-
tum cum subjecto [illegible] sed nobis non innotescit ratio conexion[is]

[illegible]

[illegible] propositione [illegible] est [illegible]

[illegible]

nobis [illegible] rationem

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] o vero [illegible]

[illegible]

[illegible]

105

[illegible]

fl.00

pl 10

[illegible] sacramento [illegible]

[illegible] immo [illegible] surrexit e sepulchro [illegible] ingressus est [illegible] alia [illegible] omnis [illegible]

[illegible] praeter naturae [illegible] non tollere [illegible] dictum est [illegible]

[illegible] praeter naturae ordinem [illegible] manente naturae ordine neque divinitas [illegible]

rerum essentias mutari

trahet ad severitatem &c.

rerum ad demonstrandum nos non idoneos nosse ne [illegible]

[illegible] iste, [illegible]

et [illegible]

[illegible] continent que ex fide tantum humana [illegible]

que sub nomine [illegible] [illegible]

Primo quod omnium hominum et [illegible] consensu [illegible] non sunt tamen ad [illegible] tamquam consensus hominum [illegible]

[illegible] communis [illegible]

Secundo [illegible] hominum [illegible] et sanctiores [illegible]

[illegible] que [illegible]

[illegible]

[illegible] senatuum [illegible]

responsa sapientum acta publica consuetudo sententia

[illegible]

[illegible] testimonium [illegible] non [illegible]

[illegible] et [illegible] hec non

[illegible] auctoritatis humane talis est vis ut

[illegible] ita ut si sit [illegible] discrimen [illegible]

[illegible] ...nguatur ... [illegible]

[illegible] ...rem falli quam plures homines proxime ... est. auctoritate unius tantum hominis.

[illegible]

...etur tamen vera ex auctoritate ... At ...

Propositio

Auctoritas humana quando constans sit ...

[illegible]

...nos et neminem homines fefellerunt

Auctoritas humana vel. [illegible]

[illegible]

...nerunt ... [illegible]

... existimatione. ... vero potuerunt ... [illegible]

[illegible]

fuerint facto ou[illegible]

[illegible]

[illegible] uit Cicero, argumentum sumptum est [illegible] mastix [illegible]

[illegible] Ph. [illegible]

[illegible]

falsa revincantur. Nemo enim unquam mentiri velle putatur [illegible]

[illegible]

prop[illegible]

et

[illegible]

ubi et ad moralem certitudinem de rebus [illegible] persuadendi [illegible]

[illegible]

vres Peripateticae impostura, sive [illegible]

[illegible]

sensus omnibus [illegible]

[illegible]

nem notavimus quod ut sacerdotes

pro objecto habent

in ... tude morali maximam nemo

... ium vero ad veritatem vestigia ...

... um constent.

Quae vero variae sint in Philosoph...

[illegible] haberi potest certitudo cum plura de illis [illegible]
[illegible] Philosophi de quibusdam animae propriet[illegible]
attributis et phaenomenis naturae quae ignota est [illegible]
[illegible]

intimorum incertus erit

[illegible]

stantibus et immutabilibus adeoque per nos sensum [illegible]
ximam fidem [illegible]
[illegible]
les omnes et docti [illegible]

[illegible]

les credendos magisque [illegible]
[illegible] naturae et corporum. ita ut videatur non [illegible] esse, et corpora existere [illegible]

[illegible] ... ulterius existere [illegible] ... [illegible] producere valeant. Ergo existit corpus, a quo [illegible] ... et quas percipis. Ergo [illegible] certa est cognitio [illegible] tentiae nostrae, et corporum. [illegible] non esse labores [illegible] ad scientias, [illegible] scientia a [illegible] ... quod si per demonstrationem [illegible] acquiruntur, non sunt nobis infusa.

Pars 4a

De Methodo

[illegible] ... veritas certo modo inquirenda [illegible] certo ordine et ratione naturae [illegible] ... [illegible] Aliud enim est percipere [illegible] ... [illegible] perceptio relationem inter ideas.

[illegible]

plura ... [illegible]

... est quod in ... et ratiocinatis ... [illegible]

... natura ... series nexuum qui sunt inter ideas ... et

ratiocinia nam primo id verum est in ratiocinatis brevioribus ... [illegible]

[illegible]

est quod ... [illegible]

... autem ... [illegible]

... non est species ... [illegible]

vel ... relationes ... [illegible]

... inter se [illegible]

[illegible]

ut non [illegible] necessaria [illegible]

[illegible]

Propositio

[illegible]

sentiri non volumus necessitate con[illegible]

[illegible]

non tamen cogimur ut

[illegible]

[illegible] simul non subdat ut

[illegible]

sequenti [illegible]

[illegible] quod est secunda pars potest [illegible] necessitate contradictio-

nis non impedit [illegible]

[illegible]

prehen[illegible]

[illegible]

es. contra primam [illegible] conclusionis [illegible]

[illegible]

cessitate specificationis sive contrarie [illegible]

[illegible]

dispensa, neque ad [illegible]

ad unum vel alterum assensum neque [illegible] in praesentia [illegible]

[illegible] assensum ex [illegible]

[illegible] nostrum cum intellectum non ad talem determinatum spe-

[illegible]

[illegible] non nequeat dissentire

[illegible]

perfectissime de[illegible]

1114

[illegible]

[illegible] nem

Distinguo majorem: sub eadem ratione sub qua connectuntur debet unum, et alterum [illegible]

[illegible] dam intellectus [illegible]

[illegible] demonstrationis deductionem. [illegible]

[illegible] concedere necessitatem assentiendi conclusioni intellectus [illegible]

[illegible]

[illegible] conclusioni deductam premissis assensum praebuit [illegible]

ARS 7

[illegible]

[illegible]

[illegible]

[illegible]

non [illegible] ex [illegible] ti [illegible] te [illegible]
[illegible] pre [illegible] no [illegible] este [illegible]
[illegible] ex [illegible]
[illegible] in [illegible]
[illegible] et [illegible] tur [illegible]
[illegible] inte [illegible]
[illegible]
con [illegible]
[illegible] non

p118

[illegible]

bus corporeis considerantes [illegible] statim advenit nobis immateo [illegible]

[illegible]

[illegible] imaginem [illegible]

[illegible] necessariis immaginibus [illegible]

[illegible] existentiam insensibilem immateriales [illegible]

[illegible] intellect. [illegible]

[illegible] verum [illegible]

[illegible] nos abstrahere [illegible]

[illegible] humanis [illegible]

[illegible] dicimus [illegible]

ormamus sed hec revolventes intimo persciaor

imagine hominis vel bruti exhibent et memo

ic captum humanum sensibilem accomodant

vem . sic . de ceteris usis tum

re , ita tamen semper occurret etiam id om

usum vero est quod sed etiam per mentem

[illegible]

Dicit vero aliquis quod dum concipimus abstractive ab objecto corp[illegible]

[illegible]

[illegible] ... tunc impossibile sedeo existat quod ... intellectu [illegible]

[illegible] ... circulos ... [illegible]

[illegible]

Dices quod desinat ... sed dum hoc imaginatione ... non neg[illegible]

[illegible]

[illegible]

prout est in se et simpliciter a mente ... non

[illegible]

... in objecto prout in se ... et ... [illegible]

[illegible]

ABR

[illegible]

[illegible]

1\. [illegible] est quod [illegible]

[illegible] spectat ad naturam [illegible]

[illegible] in nobis exhibetur [illegible]

[illegible] naturam scientiarum [illegible] in aliis no[illegible]

[illegible]

4.1.21

st contra ex [illegible] entiam

(d) [illegible] non [illegible]

[illegible]

[illegible] natura enim studet brevitati [illegible] consulit perfectioni [illegible]

[illegible]

[illegible] simplicitas [illegible] natura et a [illegible] abhorret [illegible] est [illegible]

[illegible] ad visionem [illegible] quod nos [illegible]

[illegible]

[illegible] non [illegible] in parte [illegible] cum sit [illegible]

[illegible]

[illegible] videre [illegible] videre [illegible] repraesentativa [illegible]

[illegible] non

[illegible]

[illegible]

eo magis, vel minus cari sibi sunt et amic.

[illegible]

ad cognitionem dei ita et invincibiliter nemo [illegible]

[illegible]

cimus esse a summo [illegible] cum diximus ex creaturis nos [illegible]

[illegible]

principi[illegible] nempe [illegible]

[illegible] efficacia

[illegible] sitier

[illegible]

[illegible] tristitia affici. Ergo [illegible]

[illegible]

[illegible]

[illegible] ...rpora extensa viseamus substantie generice sumele [illegible]

[illegible]

...na simul [illegible]

...formamus summa [illegible] et summ... [illegible]

[illegible]

omnes [illegible] rationalitas est [illegible]

[illegible]

(4) [illegible]

[illegible]

[illegible] esse conscia est se percipere. Ex tal [illegible]

[illegible] consecratum [illegible] ut consequentia [illegible]

[illegible] nemine [illegible] et ad perceptionem habitam relationes com [illegible]

[illegible] sine periculo.

[illegible] mens libertam [illegible]

[illegible] diversam [illegible] a re repraesentata [illegible]

n 1138

[illegible] optare debet [illegible] humano [illegible]

[illegible] vius, ut spiritum animarum [illegible]

[illegible] necessitas [illegible] debet esse proportionatum [illegible]

[illegible] sensus et medium [illegible] mens medium [illegible]

[illegible] mente [illegible] autem mens [illegible]

[illegible] anima [illegible] autem est [illegible] cogitat namque et cogitare est [illegible]

[illegible] abstrahit [illegible]

extrema

sione et constantem repr

sentatam corporis naturam

reatur

consequentes

neque vere

in mente

creantur

mentis

anim

sunt quam forme

tamen noscit in motus reflexionis originem earumdem

[illegible]

[illegible]

[illegible] communis et universalis est [illegible]

[illegible]

[illegible] omnibus [illegible]

[illegible]

[illegible] est [illegible]

[illegible]

[illegible] est [illegible]

11/12

[illegible] luimo [illegible] de a [illegible] on [illegible]
[illegible] e et sic [illegible] ve yocimus nos [illegible]
[illegible] re. thoc [illegible] egationem [illegible]
[illegible] ire mb [illegible] existere [illegible]
[illegible] mmun [illegible] nerto [illegible] num [illegible]

[illegible] mus ex iis [illegible]
[illegible]
[illegible] unque [illegible]
[illegible] ines conciien [illegible]
[illegible] tis subsilitise [illegible]
[illegible] m mers [illegible]
[illegible] ccam nimit [illegible]
[illegible] it numquam [illegible] sit [illegible]
[illegible] et incuram [illegible]

[illegible] tr nec percion [illegible]
[illegible] m une continet [illegible]
[illegible] num sed cosn [illegible]
[illegible] ac discrimen [illegible]
[illegible] de nateria [illegible] nte [illegible]
[illegible] dus creans [illegible]
[illegible]
[illegible] un [illegible]
[illegible] utive existere [illegible]
[illegible] ter verm [illegible]
[illegible]

ta-

[illegible] colligere [illegible] cum [illegible] sit infinitum bene [illegible]
[illegible] infinitum [illegible] cum [illegible]
[illegible] igitur [illegible]

[illegible]

[illegible]

[illegible]

[illegible] perfectiones [illegible]

1144

[illegible]

[illegible] sua et creationem [illegible]

[illegible]

inquantum producte sunt a creatore

[illegible]

[illegible] per rationes neque contingentia creaturarum, ex [illegible]

conficit subinde per actum sui simplicem ideam

[illegible] cum [illegible] in nobis sit lumen naturae et
vis ratiocinandi a Deo data, et media nobis proxima esse quibus [illegible]
facili rationis usu possumus venire in ideam Dei, adeoque invincibilem esse
Dei ignorantiam. Hoc sensu locuti sunt et innatam dixerunt Patres et
Theologi ideam Dei

#40

p47

METHAPHYSICA

1148

Metaphysica Graeco nomine rem tran[illegible]

[illegible]latione [illegible]

ratim sumptam quatenus affectiones per mentem abstractas [illegible]

[illegible] sicut naturae lumine [illegible]

tio ut probe comprehendatur notandum est tres esse affectiones

[illegible] in quibus rerum

[illegible] Metaphysica [illegible] continetur [illegible]

Quid e[illegible]

Est sermo de [illegible]

generales vel primas notiones continet [illegible]

easque praeterea tradit elementa quae omnibus [illegible] sunt

Quid est Pneumatologia

Est pertractatio de Spiritibus [illegible] sine

[illegible] lumine noscuntur Deus et anima humana

Quid est Theosophia

Est tractatio de Deo [illegible] naturali ratione [illegible]

Quid est Psychosophia

50

... rei accidens pro substantia et pro modo sive pro ...

... dicitur Ens ...

... sive modus ... existent ...

... quatenus pro ente substantiam tantum pro ...

... sive existens sive ... Enti opponitur nihil.

... existentia ...

... quam non ...

... est existenti ...

... existentia non significatur tantum substantia sed Ens ...

... in natura est ... existens ...

et possibile nam

tiuam poss. autem respicit rei naturam possibilem sibi
fuat ut sint possi

est repugnantia quod sint

est impossibile
impossibile absolute est quod spectata Entis natura
non rationalis impossibile absolute nam
non absolute sed hypothetice

quod intrinsece possibile sibi non repugnat

r umorar
n praeterea ita ut figura et

possibile esse non solum quod exis
existet. Dum contradictorium est futurum

conditionatum sive hypoteticum

quo ad rationem Entis notandum
sarium it

ll 5 l

q uo est necessarium

uo est necessarium per essentiam

est quod habet essentiam immutab

uo est necessarium ad esse...

Quo est necessarium essentia

est quod proprium est as

ex accidenti

uo est necessarium ad existentiam

... sine quo aliquo existere nequit sic non existente unitate

ne existere potest ...

uo est necessarium necessitate absoluta

... quod ita existit ut potuerit non existere ... contingens est quod

... ex intrinseco alterius

... nanne:

... quod per se existit ab intrinsecus a modo aut de denuo

... est n.c.

... et ad unctum substantia quod tamen non est ... essentia ... intrinsecum

... dependet a substantia nec ... potest sine substantia

... est n.c.

... essentia constituitur ... nec a se ...

... Quid est modus accidentalis?

Quid est ...

p. 51

[illegible]

... potest ex essentia substantiarum ...

[illegible]

... est realis et nominalis

Quid est essentia realis?

... a realis est in se

[illegible]

... est facta per intellectum sive ...

Quid est essentia ...

... quae inest rebus existentibus

Quid est essentia intellectualis

[illegible]

... actuum entis sive quod proprium est ...

[illegible]

... rebus ... leges naturae ...

[illegible]

Quid est identitas?

[illegible]

Quid est unum sive unitas

[illegible]

... est unitas generica

... [illegible] ...

ter sumpta, ut animalitas conveniens homini, et bruto

... est unitas specifica

... pluribus in eadem specie, ut rationalitas ut

in Petro et Paulo

... est unitas individualis.

... [illegible] ...

... unitati opponitur distinctio

... [illegible] ...

Est negatio identitatis sive notio ... mutasuis

est distinctio.

[illegible]

... formalis ...

modos et attributa entis

1 311

... a proprietatibus.

... it scit in se ipsa et sit sui juris et non alterius sicut de vendeat a suis ... sit et non ...

... est persona

... per se subsistit ... suppositum enim est velut concretum subsistentiae sicut homo est concretum humanitatis ... enim sit ... capax cogitationis ut Deus Angelus homo ...

Quid est subjectum?

Est id cui aliquid inhaeret vel inhaerere praeciatur ...

... est persona

... ut rebus irrationalibus

Quid est potentia

... agendi ... ex ... in me ... ... potentia ...

ex qua ... actus ... in me ... ...

in substantiis spiritualibus

... est causa

Quid est causa finalis

Quid est causa efficiens?

... ipsum agens a quo primario immediate ... fectus.

Est materia ex qua fit res

Quid est causa formalis

... dicitur etiam instrumentu

... faciunt hisce causam exemplarem scilicet ad cujus similitudinem res ...

Quid est causa Physica

Est quae vere per se ...

Quid est causa moralis.

... propter quam secundum ... impellit ... causam Physicam ad agendum. Ita ab... rentia magistri dicitur causa immodestiae discipulorum

... totum corpus moveatur

Quid est causa partialis

... quo est causa partialis motus in curru.

Quid est causa ...

[illegible]

[illegible] est causa secundaria

Est que agit per se [illegible] causa principalis [illegible] agendi [illegible]

Quid est causa instrumentalis?

Est que concurrit ad effectum producendum a principali ut [illegible] pulsationem que fit ab homine. [illegible]

Quid est causa immediata

Est illa [illegible] quam et effectum nullum est medium.

Quid est causa mediata

Mediata dicitur [illegible]

Quid est causa accidentalis

[illegible] precise effectus producitur et per ipsam ratio effectus [illegible]

Quid est causa [illegible]?

[illegible]

[illegible] effectum et causam [illegible]

[illegible]

[illegible] est [illegible] cum alio [illegible] continet alteram [illegible]

[illegible] realis [illegible] consequitur ex ipsa rerum natura [illegible]

[illegible] connexionem [illegible] et [illegible]

[illegible] ommune [illegible] ut illa cum perverso pervertens [illegible]

[illegible]

[illegible] et [illegible] varia [illegible] convenientia [illegible] distinguendum [illegible]

[illegible]

Subjectum relationum est illud quod continet verum

Quid est ratio relatio[illegible]

[illegible]

[illegible] ratio operationis summum et [illegible]

[illegible]

[illegible] est quod caret omni fine sibi et habet in se infinitas perfectiones [illegible]

[illegible] numero relate ad [illegible] nostram

Quid est duratio?

[illegible]

Quid est duratio metaphysica

[illegible]

non habet in se

[illegible] est successio existentiae in re durante [illegible] concipitur in hoc Universo ubi aliqua [illegible] generantur aut moriuntur.

[illegible]

[illegible] immensitas æternitas et tempus

[illegible]

est unicuam [illegible]

[illegible]

anima immortalis æternum vivit

[illegible]

entis proprietas est esse, sicque perfectione donari

[illegible]

cstare conate, et quæ fieri suo apta est

Quotuplex est perfectio

[illegible]

[illegible] perfectione in genere suo

Quid est perfectio summa?

[illegible] quæ non suscepit aliud perfectiu[illegible]

Quid est perfectio in genere suo?

[illegible]

te ad perfectissimum non est absolute et vere perfecta

[illegible] distinguitur perfectio

Distinguitur in naturalem, et artificialem

[illegible]

et quae inest rei ex propria natura

[illegible]

[illegible]

arte et industria

[illegible]

[illegible] sive [illegible] verum [illegible]

[illegible]

[illegible] est conformitas [illegible]

[illegible] sermonis [illegible] est sermo [illegible] non [illegible] res [illegible] mentem nostram [illegible]

[illegible] vero [illegible] res [illegible] veritas et illis [illegible] nominatur verus [illegible] ut [illegible] contra [illegible] vera [illegible] mentitur [illegible] vera sunt [illegible] mente sentiat. [illegible] mentiri est ire contra mentem sive [illegible]

[illegible]

[illegible]

[illegible] in [illegible]

uid est bonitas [illegible]

est conformitas [illegible] ut requisitorum; [illegible]

[illegible]

uid est [illegible]

[illegible]

eries ut [illegible]

[illegible]

[illegible] perfectionis in se, nempe veritas [illegible]

[illegible]

ositio cum [illegible] subjectate [illegible]

Quid est pravitas et falsitas

negatio unius attributi in quo consistit verum et bonum. [illegible]

[illegible]

cum et falsum tantum respectu nostri

Pneumatologia, ut diximus est scientia de spiritibus. Opportet igitur de [illegible] et substantias omni [illegible]

[illegible]

De existentia Dei

[illegible] vis ivenerit

De [illegible] Gentilium Philosophorum
circa Dei existentiam
et naturam

[illegible] circa Deum non aliud melius [illegible]

[illegible] cita faciebat

Di-

[illegible]

nervis [illegible]

[illegible]

... et dilaceraretur Deus et cum miseri animi esse[illegible]

[illegible]

Animus hominis esset Deus aut saltem Dei portio ...

[illegible] porro Colophonii opinionem clarius exprimit [illegible] libro [illegible] quaestionum [illegible]

[illegible] globata figura

[illegible]

[illegible] descripsit quamquam ille caelum [illegible]

[illegible] ad Deum [illegible] vel [illegible]

[illegible] autem [illegible] in Deorum opinione turpissimo [illegible]

[illegible]

Prothagoras vero [illegible]

[illegible] ad Socratis et Platoni [illegible]

[illegible] voluptatibus, non intelligere [illegible] intelligentia et beatitudo insit. Nos vero [illegible] substantiam [illegible]

[illegible] hanc fuisse germanam Platonis mentem non solum ex cele[illegible] [illegible] [illegible] sit de veritate philosophi

[illegible]

[illegible] pauca dicamus quae praeceteris divini Platonis [illegible] [illegible] controversiae contextui saepe vim afferentes [illegible] [illegible] Contra non desunt [illegible] [illegible] Aristoteles [illegible] [illegible] Quid tamen sit de Aristotelis opinione [illegible] [illegible] vices aliquando quorum

[illegible] trantis omne [illegible]

[illegible]

[illegible] Taletis et [illegible]

[illegible] Hic aut [illegible]

[illegible] nam quin providentiam quam inducere [illegible] admittat multis licet [illegible]

[illegible]

[illegible] ad æternitatem [illegible] sero corpore et [illegible]
[illegible] ex [illegible] [illegible]
[illegible] et [illegible] momento, [illegible] nequit [illegible]
[illegible]
[illegible] omnium [illegible] separatum æstimat et [illegible]
[illegible]
[illegible] emotions [illegible]
[illegible] non [illegible]
[illegible]
[illegible] non est [illegible]
[illegible] aeternitate

[illegible]
[illegible] nominibus [illegible] et etiam [illegible]
[illegible]
[illegible]
[illegible]

uni

[illegible] est [illegible] notum est per se [illegible]

[illegible] est ut [illegible] termini pene-

tur intime [illegible] non possit [illegible] necessarius et praebeatur assensus talis [illegible]

[illegible] Hec autem [illegible] est per se nota [illegible]

[illegible]

essentiam cognoscimus. Talia sunt omnia principia

[illegible]

[illegible] ratiocinatio est ut [illegible] in demonstranda Dei existentia laboraverunt [illegible]

[illegible]

statione [illegible]

[illegible]

esse etiam quo [illegible]

[illegible]

nostri cognitionem veniamus

[illegible] est quod omnes audito [illegible] nomine statim concipiant Ens perfecti[illegible]

[illegible]

[illegible] nem perfectissim. [illegible]

[illegible]

[illegible] contr [illegible]

[illegible] rursum [illegible]

[illegible]

[illegible]

tur. Sit itaque [illegible]

[illegible]

[illegible]

Demonstratio ducitur ex fine [illegible] omnia collimant

[illegible]

tum

[illegible]

animalia vero [illegible]

[illegible] ut nullam eloquentior Cicerone appareat [illegible] ejus rationi esse: [illegible]

[illegible] sint an eo [illegible] nullo modo potuerint [illegible]

[illegible]

[illegible]

[illegible] ea sphera sit arte perfecta [illegible]

[illegible]

imitari sphere conversionibus quam natura in [illegible] presertim cum [illegible]

[illegible] sint illa perfecta nec hec simulata sollertius [illegible] igitur ego non

[illegible]

[illegible] adsequi possumus, sed hec accommodo [illegible] sumus. nun[illegible]

[illegible]

verso patet existere Deum.

p. 1.

[illegible] convenit sub [illegible]

[illegible]

[illegible] ad [illegible] et in veritate [illegible]

[illegible]

[illegible] possemus [illegible] natum est id [illegible]

[illegible] ratione [illegible] ut in eo

[illegible]

[illegible] instructi [illegible] non [illegible]

[illegible] non credere et ita [illegible]

[illegible]

[illegible] concursus a [illegible] ita [illegible] ut [illegible]

[illegible] ita ex nova conclusione [illegible]

[illegible] ordine suavissimo [illegible] in universo spectantes

[illegible]

[illegible]

... non peccat · casus enim non habet necessitatem naturae [illegible]

[illegible]

... sit cum talor non adimat deum ... creavit praeter homines ... [illegible]

nec enim est ... bene ... nec sane ... [illegible]

... nec ... homines ... [illegible]

... omne deus creavit ... ut suam ... [illegible]

... est neque ... et ... [illegible]

... enim et summum bonum est ... nec dici potest deum innumerabilibus ... [illegible]

[illegible]

reavit sua in aeternitate non est prius et posterius

[illegible]

[illegible] vult hominem creare et etiam dextra gloria [illegible]

[illegible]

[illegible] non nam licet [illegible]

[illegible] non vult [illegible]

[illegible]

[illegible] custos et [illegible] In ho [illegible]

[illegible]

nisi qui suam miseriam senti[illegible]

non agnoscunt nec sentiunt [illegible] nemo unquam [illegible] iste est misero [illegible]

[illegible]

[illegible] et sunt. Deinde nemo adeo [illegible] nullo [illegible] bonum [illegible]

[illegible] est esse [illegible]

[illegible] excedere et ad sapientiam [illegible] videre ut revera plurim[illegible]

[illegible]

[illegible] omnes homines [illegible]

potest qui se non agnoscat contingentiam rerum non videat [illegible] et in rebus [illegible]

[illegible]

provisionis [illegible] non agnoscat summam [illegible] ab ipso?

[illegible]

[illegible] Dei [illegible] manifestationem nosceret [illegible] salem sub [illegible]

[illegible] est argumentum [illegible] Dei [illegible]

[illegible] homines cogerent [illegible] enim [illegible] et certe [illegible]

[illegible] posuisse non [illegible] a Divina [illegible] a natura [illegible]

necessitate ut [illegible] est [illegible] aut

[illegible]

[illegible] est adverere necessitatem [illegible] naturae [illegible]

[illegible] naturae [illegible] universi [illegible] non [illegible] ex quibus

(C[illegible]

[illegible] esse cum inertes sint et otiosae, et rationes ex[illegible] ut supra demonstra[illegible]

[illegible]

[illegible] divinae manu conservatrice [illegible]

[illegible] a supremae mente [illegible] [illegible] est; nos [illegible]

[illegible] fluxum et [illegible] [illegible] [illegible] constantissime

[illegible]

[illegible] quae recens dicitur oritur ex [illegible] sua [illegible]

[illegible] quinem

[illegible]

[illegible] ex historia monument[illegible]

[illegible] artes quae ad vitae humanae vel usum vel [illegible]

[illegible] sunt [illegible] seu [illegible] [illegible] aut annis invent[illegible]

[illegible] autem sint [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] eas [illegible] [illegible]

[illegible] quae ii qui [illegible] [illegible] et [illegible] [illegible] vitam [illegible] [illegible]

[illegible] tanta copia et [illegible] [illegible]

fl 80

ducta ex omnium gentium universali consensione

earum opinio ... vel Deis ...

... cognitum comprehensionemve

... tate temporis, ne una ...

... tamquam certissimum habent, ... omnium gentium consen...

... existere ... ergo ... universalem ... certissimum

... putari debet, seu quod reputari debet ...

... eret, qualem

[illegible] vocem [illegible]
[illegible] quantum [illegible]
[illegible] Dominum [illegible] datum tradit
[illegible]
[illegible] vel ulla
[illegible]
[illegible] summum [illegible]
[illegible]

[illegible] non est
[illegible] omnium dominum [illegible]
[illegible]
veritatem [illegible] semper [illegible]
[illegible]
[illegible] chimera

[illegible] generum genera [illegible]
[illegible]
[illegible] est [illegible] um non existere Atheus vero
[illegible]
[illegible] ex ratione [illegible]
[illegible] pro virtute [illegible]
[illegible] aliqua

cre-

praedicare nullum [illegible] quo [illegible] [illegible] hoc aliquis [illegible] ... aeque evertatur ut [illegible] confusa [illegible]

[illegible]

... eodem e necessario existente [illegible]

[illegible]

... propria vivendi libertate [illegible]

[illegible]

Non nego aliquos tribe [illegible] practice [illegible]

[illegible]

... constantes, [illegible] existimarentur [illegible]

[illegible]bum vindicem agnoscere iubesant. ergo nihil est quod aliqui [illegible]

[illegible] rei ad alterum esse communis opinio que omnium m[illegible]

[illegible]

[illegible]um consensu petitum nam si a parentibus ad filios, et a filiis a[illegible]

[illegible]

nefram et inhonestam pervalere nesciunt quod fidelium est externa[illegible]

rarum cum impostura etiam permuta secula invalescentes a univerta[illegible]

[illegible] r[illegible]es dicuntur. primo gentes omnes in opinionem et

[illegible] eo conveniunt, quia opinionem hujusmodi rationi convenire [illegible]

[illegible]

... ervatione morali

Quod autem afferabatur ex firmo ... necessariam esse ...

... inegtum prorsus est ...

... concertam ...

... consensu rerum hominum ...

... vires consentiunt Deum existere, quod sufficit ...

... unanimem argumentum esse ...

... ratio multa dissensio et discrepantia ...

... inexactum ...

... hominibus ...

... maximum ... moraliter ... Deum existere ...

[illegible] præcipitatione et in[illegible] [illegible]

[illegible]

[illegible]

[illegible]

deducta ex animi nostri affectione

[illegible]

[illegible] corpore tamquam ve[illegible]

vel solum tamquam a causa occasionali. Primum dici nequit [illegible]

[illegible] [illegible] et [illegible]

sis voluptatis aut doloris sensum creare. Tum [illegible]

sensationes et corporum motus nec[illegible]

[illegible]

[illegible]

[illegible]

stituta inter animam et corpus. Ista vero lex cum sit universalissima [illegible]

[illegible]

[illegible]

[illegible] demonstratio [illegible]

[illegible]

[illegible] questione [illegible] nullus [illegible] axiomat

[illegible] aliquam operam [illegible]

[illegible] perfectum [illegible]

[illegible] sunt duæ propositiones. Prima [illegible]

vel motus statuitur consistere in continuata [illegible] conservatione corporis in [illegible]

[illegible] successive locis et hoc posito nulla esse potest [illegible] vel statuitur in actu

[illegible]

ll. 611

[illegible]

[illegible]

[illegible] non habuit [illegible] poterit habere. si non ab alio sed a se [illegible]

[illegible]

[illegible] nihil enim quod sibi est [illegible] dare potest quod non habet [illegible]

[illegible] et est [illegible]

[illegible] vero est indifferens et [illegible] ad motum [illegible]

[illegible] enim quod est indifferens et [illegible]

[illegible]

[illegible]

[illegible] est convenire [illegible] cum hoc [illegible] ipsum reducere [illegible] vere [illegible]

[illegible] idem manens idem semper idem

[illegible]

[illegible]

[illegible]

[illegible]

est [illegible] simul [illegible]

[illegible] vel termini ita immobilia est [illegible]

[illegible]

adeoque necessarium est ut quidquid movetur non a se sed ab alio moveatur

[illegible]

[illegible] ita sint comparata ut eorum nulla possit [illegible] nisi externa vis et

[illegible] a musculis

[illegible] sanguis a corde [illegible] a spiritibus spiritus a [illegible]

in corpore [illegible]

[illegible]

[illegible]

[illegible]

[illegible] tandem [illegible] mobilem [illegible] ad [illegible]
in hac regione progressus in infinitum [illegible] cum [illegible] primum movens, nullum [illegible] secundum [illegible] [illegible]

Tertia demonstratio physica

[illegible] sit devaniendum ita ope [illegible] demonstrationis [illegible]

[illegible]

[illegible]

contra causa [illegible]

[illegible]

[illegible]

sibi accederent. Ergo.

[illegible]

[illegible] operis [illegible]

[illegible] universo [illegible]

[illegible] aliorum in universo [illegible]

[illegible] loco in locum. Ergo

[illegible]

[illegible] convenit [illegible]

[illegible]

non [illegible]

... esse necessario saltem attribui ipsi electioni ... [illegible]

... [illegible] ... aliis exemplis ... [illegible]

convenit essentialiter ut in ab alia produci ... [illegible]

[illegible]

... ab aliis produci sed ex ... [illegible]

[illegible]

... ipso maiorem ... [illegible]

in se sed relate ad divinam infinitam ... [illegible]

ibi vero producto essentialiter et secundum se ... [illegible]

[illegible]

... proveniunt quia ... [illegible]

rationis sunt partes et proinde cum certam ... [illegible]

compositum non potest de ipso ... quod de ... [illegible]

transitus ab uno ad aliud ... [illegible]

unit ad unione ad invicem ... [illegible]

unibiles et componentes

[illegible]

adducta ex ente contingenti ... [illegible]

[illegible]

... omnia entia sunt contingentia vel aliqu... [illegible]

[illegible]

vel non existit ut ... [illegible]

... non existere ... positum ... sequitur absurdis. 4.

[illegible]

si valet existentiam [illegible] non ab illo quando quidem nulla mens subiecta ex. [illegible]

necessario nempe deu[illegible]

[illegible] existentiam non valet absque [illegible]

[illegible] ante soluta fuerit non est cur aliquid addenda [illegible]

[illegible]

existentia dicatur non existere

[illegible]

eamde existere et non existere

[illegible]

ut se ipsum producit sub specie [illegible]

ideo [illegible]

[illegible] speciali existendi se

[illegible] ergo ut fiat prius existere debet auctor

[illegible]

[illegible]tera demonstratio [illegible]etaphysica ducta ex idea Dei

[illegible] naturam Dei habere [illegible] [illegible]

[illegible]

expendenis et rerum consequentiam contenemus, ita ut nemo [illegible]

[illegible]

[illegible]

[illegible] [illegible]. (onnoscit namque res omnes et se [illegible] principio [illegible]

nec enim sui principii in se rationem ullam [illegible] [illegible] et cum res

[illegible]

conservatoris rationem agnoscit. Adest igitur omnibus [illegible]

sit aliqua Dei notio. Talis autem idea licet sub obscura maximam

[illegible]

[illegible]

[illegible]

[illegible] sed ratio rei realior et [illegible] existentis modo omnino a re[illegible]

[illegible]

[illegible] sibi subiicat in quo sit ratio sufficiens esse[illegible]

[illegible] a quo omnia dependeant [illegible] nec necessa[illegible]

[illegible] intellectu et corde [illegible] [illegible]

[illegible]

[illegible] substantiam incorpoream omnia servantem praesentia sua et [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

sem.

[illegible] immaginatur conscia sibi est se arbitrarium [illegible]

[illegible]

getur vel rudis et ignarus homo de ratione sue exi[illegible]

[illegible] repetet ob aliqua causa [illegible]

licet se a se ideo ut si interrogatio de particula [illegible]

cumque corporis rationem et causam in alio [illegible]

ut corpus nullum nulla substantia [illegible]

[illegible] a quo omnia sint atque conserventur

est quod referant ad [illegible] ita responsurum qui de Deo scit non

[illegible] ter simus Deo [illegible]

[illegible] imo tiem [illegible] equit ut de Deo quaeramus

[illegible]

aut causa prima universalis [illegible] significat, vel non si non iam erit investi[illegible]

[illegible] ac investigare an existat [illegible]

[illegible]

[illegible] quod a rebus omnibus [illegible]

[illegible]

quæ ideam non habeant. At vero talis est in hominibus similiter et omnibus &c.

[illegible]

[illegible] et plane [illegible]

[illegible] contrarium sentiunt [illegible]

[illegible] fatemur nos non obtinere vere est proprie te[illegible]

[illegible]

[illegible] quod est bene vero concipimus quid entitatur [illegible]

[illegible]

Illud itaque ratum et fixum esse oportet nos aliqua Dei idea informatos esse qua [illegible] licet imperfecta [illegible]

[illegible]

unde vult sit ut [illegible]
[illegible] existet [illegible]
[illegible]
[illegible]
[illegible] veram [illegible]
[illegible] atque ex evidenti argumento [illegible]
[illegible] enim illud adverte [illegible] libro [illegible]
[illegible] numerorum [illegible]
[illegible] geometrae [illegible]
[illegible] nisi mens [illegible]
[illegible] Dei nostr[illegible] inesset [illegible]
[illegible]
[illegible] creditum [illegible]
[illegible]
[illegible] claram [illegible]
rebus omnibus non [illegible] sui principium distinctam cum cognoscamus [illegible]
[illegible] propositionem [illegible]
[illegible] haberetur in infinitum
[illegible]
[illegible] ergo
[illegible] Dei [illegible]
[illegible]
et [illegible]
claram et [illegible]
[illegible]
[illegible]
tamen absolute concludi non posse Deum existere. Nam ut respondeamus

ea-

[illegible]

tur existentia possibilis quia [illegible] clara et distincta idea continetur. Ergo [illegible]

[illegible]

le Deo quod est absurdum [illegible]

[illegible]

[illegible] absolute et actu [illegible]

[illegible]

positio, quae primo aspectu [illegible]

ideo utique esset [illegible] bonus, sed non existit Ens infinite bonum seu quod idem

[illegible]

ab omnibus plus [illegible] minus [illegible] nexum [illegible] quod si unum [illegible]
[illegible] unum [illegible]
[illegible]
[illegible] participabile [illegible]
[illegible] vero secundum eandem rationem licet [illegible]
[illegible]
[illegible] dicatur [illegible] habet [illegible]
[illegible] non repugnet bonum infinitum [illegible]
[illegible] secundum hanc rationem [illegible]
[illegible] non [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

respectionum non immerito [illegible]

[illegible] memoriae [illegible]

[illegible] existentia [illegible]
[illegible] fecimus [illegible] animo
[illegible]

[illegible]

umplicitate Dei

[illegible]

[illegible] *essentialia, et notionalia.* [illegible]

[illegible] *citate sit sermo*

[illegible] *simplicissimum* [illegible] *pro ut* [illegible] *est non* [illegible]

Propositio I

Deus Ens simplicissimum omnino [illegible]

evidens [illegible]

[illegible] causa [illegible] absurdum [illegible]

[illegible] sum=

[illegible]

ghet contingens. Ergo.

Corollarium

[illegible] ipsa primae causa [illegible]

[illegible]

ne-

nequit producere spiritum. Licet spir[illegible] [illegible]
[illegible] [illegible] modorum illius
[illegible] ut autem sunt ordine [illegible]
[illegible] omne autem est [illegible]
[illegible] cum in homine sit [illegible]
[illegible] perfect[illegible] summe producens omnia debet
intelligere quodque ipsam homin[illegible] [illegible] homin[illegible]
[illegible] cum [illegible] non [illegible] est [illegible]
[illegible]
[illegible]
a Deo procedit Deum immutatur
Creaturæ ex ipso prædicant composita [illegible]
ratione corpor[illegible] corpus [illegible]
sunt generis nobilioris continent eminenter, ut diximus, quæ sunt [illegible]
[illegible]
[illegible] corporis [illegible]
[illegible]
[illegible]
[illegible]
[illegible] creaturæ [illegible]
[illegible] imperfecte. Aliquo modo quia
[illegible] Imperfecte quia ut distinguun[illegible]
[illegible]
[illegible]
[illegible] simplicissimu[illegible]
[illegible] melius illud tribuendum est Deo sed esse compositum melius
[illegible] compositu[illegible]

[illegible]

sa solida et secura

[illegible]

a Theologo, non a Philosopho.

De [illegible]

[illegible] tum hoc [illegible] non ita [illegible] quasi significet [illegible] imperfectum [illegible]

[illegible]

Propositio

[illegible]

perfectius exceptum

[illegible]

[illegible] non est formaliter [illegible] [illegible] formaliter [illegible] [illegible] omnibus [illegible] formaliter [illegible] substantia [illegible] est adeo

Propositio

[illegible]

[illegible]

303 1

tis ut moveus nullus absurdum sequitur. [illegible] producere perfec-

tissima creatura. Ergo repugnat creatura perfectissima qua perfectiorem

non possit Deus condere. [illegible] si creatura esset infinita perfectione absolute [illegible]

[illegible] non esset creatura. Ergo

[illegible] est causa perfectissima et infinita. Ergo producet effectus infinite [illegible]

[illegible] enim [illegible] causae [illegible] causae infinitae non videtur

respondere nisi effectus infinitus [illegible]

[illegible] responder[illegible]

[illegible] Deus est actus [illegible] in Deo actus [illegible] est potentia in-

finita. Ergo [illegible] actus secundus seu effectus debet esse infinitus

[illegible] Concedo antecedens nego consequentiam [illegible] Deus sit potentia [illegible]

[illegible]

[illegible]

ma perfectio Ergo [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] divinam entitatem

[illegible]

[illegible]

deum principiis.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

In-

[illegible] numen ab unitate procedunt

[illegible]

[illegible]

[illegible] vel saltem [illegible] nihil est summe [illegible]

[illegible]

[illegible] nulla nam perfectior esset [illegible] [illegible] maiores [illegible] [illegible] est argumentum [illegible]

idest de Deo

[illegible] perfectionis ergo

[illegible]

imperfecto [illegible] summo [illegible]

[illegible] in electione [illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible] modo et termino [illegible]

[illegible] [illegible] creaturam perfectissimam [illegible]

[illegible] est creatura perfectior [illegible]

[illegible] quod [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible]

[illegible] ne in hac re [illegible] distinguendum est perfectionum genus aliud

[illegible]

[illegible] creatura perfecta [illegible]

[illegible]

Vel

[illegible]

[illegible] probat Deum [illegible] mox concludimus [illegible]

[illegible]

Propositio

~~Deus est unus~~ Deus est Unus

[illegible]

[illegible] infinite [illegible]

[illegible] proinde [illegible] Deus [illegible] argumenta [illegible]

[illegible] omnes [illegible]

[illegible] Ergo Deus est unus

[illegible]

[illegible] differre probari [illegible]

[illegible]

[illegible] non omnia [illegible] [illegible] unius continent totum [illegible] quod necessarium [illegible] infinita [illegible] [illegible] necessarium [illegible]

[illegible] nomen [illegible]

[illegible] accidentaliter [illegible] non [illegible] in genere [illegible]

[illegible] non est substantia [illegible] [illegible] infinita [illegible] [illegible] ... [illegible] [illegible] quaero

[illegible] infinitus [illegible] [illegible] infinita [illegible] est [illegible] potest [illegible] imperio.

Obiicies Bonum non potest esse nisi a bono, malum nisi a malo. Ergo [illegible] mala [illegible] bona [illegible]

[illegible] Ergo paritatem [illegible] [illegible] principium [illegible]

[illegible] sicut ex [illegible] datur [illegible] [illegible] et [illegible] sed tamen [illegible] Sola [illegible] [illegible] substantia, et positivum [illegible] non [illegible] non exigat eorum pro lum non exigit sui principium. [illegible] vero non [illegible] quo [illegible] num bonum [illegible] datur vero summum bonum, [illegible] [illegible] ex malo physico vel [illegible] malo [illegible] malo physico nihil aliud est quam privatio [illegible] perfectionis [illegible] nihil aliud est quam [illegible] [illegible] utrumque originem habet ex imperfectione Creaturae.

[illegible] vero et positive [illegible] [illegible] [illegible] per se [illegible] [illegible] sunt contraria [illegible] sunt substantia [illegible] bonum.

[illegible] quod malum et bonum inter se [illegible] contrarium [illegible] [illegible] [illegible] malum [illegible] non [illegible] summum [illegible] contrarium [illegible] [illegible] privative.

[illegible] [illegible] summum malum [illegible] [illegible] magis et minus per [illegible] majorem, [illegible] summum [illegible] [illegible] malum autem [illegible] recedit a summo bono.

[illegible] [illegible] [illegible] summum malum [illegible]

B14

[illegible] operatur [illegible] si non existat nec operatur non est princi pium si existit et operatur non est summe malum existere enim et operari est bonum et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] contra [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in eo [illegible] [illegible] naturam summi mali ponere se tanto bono [illegible] nonnunt vitam potentia de

[illegible] Veteres poetae [illegible] [illegible] [illegible] [illegible] [illegible] posuerunt [illegible]
[illegible] [illegible] omne [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ab uno [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] hominum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dunt poetas et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cum ut [illegible] rationi [illegible] [illegible]

[illegible] Qui divinas habet caracteres [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et vero ut [illegible] [illegible] [illegible] [illegible] miracula [illegible]

[illegible] [illegible] [illegible] [illegible] nemo [illegible] [illegible]

mortuorum venero admonitos tubae divina voce se [illegible]

[illegible] immensitati [illegible] ab illo aquile medio [illegible]

[illegible]

[illegible]

tegit quia immaginat [illegible] al medio [illegible]

[illegible]

[illegible] immaginatione [illegible] mestitia [illegible]

[illegible] homo [illegible] immaginatione [illegible]

[illegible] tempori [illegible]

[illegible]

morbi sanare [illegible]

[illegible]

[illegible]

illi convalescebant [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

se suo cineres. [illegible] autem sexto aperti [illegible]

[illegible]

[illegible]

[illegible] potest nullam

[illegible]

[illegible]

oro ausyam ex tibia aquam in sua integritatis [illegible] ad totum [illegible]

aqu

[illegible]

[illegible] ... immortalis proponunt ex ... [illegible] ... exteriori eventu confirmata ... [illegible]

[illegible] ... ad extrinseca momenta politicos ... [illegible] ... naturae ... [illegible]

[illegible] ... igitur juvat antiquitas idololatriae ... per ... versum fere Orbem ejus dilata ... [illegible]

[illegible]

[illegible] exemplum [illegible] ideo [illegible] non [illegible] numen et exemplum, et patronum gentes arbitrantur, [illegible] [illegible] [illegible] ver [illegible]

[illegible] enim ait Apostolus ad Romanos primo: Deum cognov[illegible] non [illegible] sed evanuerunt in suis cogitationibus et [illegible] verum est insipiens cor eorum. Dicentes enim se esse sapientes stulti facti sunt et mutaverunt gloriam incorruptibilis Dei in similitudinem imaginis [illegible] hominis volucrum quadrupedum serpentium [illegible] tradidit illos Deus in [illegible] cordis eorum. Veniamen in tanta [illegible] unitate [illegible] unitate [illegible] ipsi [illegible] cuius [illegible] enim [illegible] [illegible] summus [illegible] unum per se [illegible] esse Deum, ceteros vero celestes Dei ministros [illegible] Deo [illegible] et Aristotele. [illegible] autor [illegible] unus unde inquit Deus cum sit, pluribus nominibus [illegible] omnibus [illegible] nomina [illegible] ideo [illegible] [illegible] [illegible] et [illegible] et [illegible] [illegible] et [illegible] ut manifestum faciunt [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] non [illegible] [illegible] non [illegible] [illegible] virtutis [illegible] [illegible] [illegible] sed [illegible]
innani appetitu honoris, et glorie.

[illegible] pro [illegible] veneratione [illegible] [illegible] commentus [illegible] Ciceronem libro de divinatione [illegible] [illegible] non [illegible] obscura adeo et implexa erant [illegible]

co-

[illegible] non [illegible] in con[illegible] verborum [illegible] verba significabant [illegible] monen[illegible] si vero morbus non [illegible] signabatur [illegible] non [illegible]

[illegible] sermone [illegible] oraculorum [illegible] daemonem [illegible] excitavant homines, ut [illegible] manifestissime demonstratur [illegible] patet [illegible] Christo tandem nato [illegible] oracula [illegible] oracula homines decipere solebant [illegible] fuerunt [illegible] temporis [illegible] miracula [illegible] oraculis [illegible]

[illegible] oat, aut [illegible] et finite

[illegible] omnino et [illegible]

[illegible]

[illegible]

[illegible] ... marqu[illegible]

[illegible]

Obiicies Deus ante productionem [illegible] non erat Creator non erat Domin[us] [illegible] ... non erat [illegible]

[illegible]

Respondeo Ea quæ de Deo dicuntur alia [illegible] secundum se alia conotative. In iis quæ conotative dicuntur, ut nova accedat denominatio, sufficit si suus terminus commutetur [illegible] ... [illegible] ... [illegible] ... mutationem in [illegible] ... [illegible] ... Deo ad intra, et ratione sui nego

[illegible] ... creatio [illegible] ... non immanens et terminative accepta [illegible] ... realitatem non [illegible] ... [illegible]

[illegible] ... actionem [illegible] ... [illegible]

[illegible]

[illegible] ... et intrinseca ... [illegible] necessaria [illegible] ... creatione [illegible] ... substantia [illegible] ... [illegible]

... Deum dici non debere [illegible] ... [illegible]

... [illegible] æterne

[illegible]

[illegible] perfectionem nam est [illegible] ratione terminus volunt [illegible]
perfectio immensa [illegible]
[illegible]
[illegible]
[illegible] qui nihil [illegible]
[illegible] ad extra nihil sibi addit

[illegible] mutare [illegible] habet [illegible]
[illegible] affectiva non effectiva [illegible]
[illegible] ratione [illegible]
[illegible] vel non servanda [illegible]
[illegible]
[illegible]
[illegible] omnes [illegible]
[illegible]
servandam

[illegible] Deus est liber. Ergo est mutabilis
[illegible] diciemus satis cum de voluntate [illegible]

[illegible] ternitate Dei

[illegible]

[illegible] Boetio [illegible]
interminabilis vitae tota simul et perfecta possessio. [illegible] definitionem pro[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] tota simul et per[illegible]
[illegible] omnia [illegible]

[illegible] et termines [illegible] in æternitate [illegible] sed tantum [illegible] materiæ nomine æternitas [illegible] omnia [illegible] non [illegible] orationis [illegible]

[illegible] autem convenire æternitatem [illegible]

Propositio
Deus est æternus silicet sempiternus, et sempiternitas [illegible] soli convenit

[illegible] immutabilitas [illegible] non existente existens [illegible]

[illegible] æternitatem probatur [illegible] non est [illegible] ergo

[illegible] ut omnes est [illegible] Deo [illegible] æterno [illegible] Deus [illegible] æternus [illegible] creationem [illegible] creatio non est [illegible]

[illegible] non [illegible] sed ea [illegible] mente, quatenus per [illegible] interpretatur [illegible] Thomas [illegible]

Hinc etiam [illegible] omnia [illegible] Augustinus in [illegible] [illegible] ubi nihil est [illegible] [illegible] non [illegible]

[illegible] omnia tempora [illegible] coexistunt [illegible] omensurentur et [illegible] eadem [illegible] et presentia [illegible] haber [illegible] non [illegible] cerneret presentia [illegible] cerat, et expectaret quod profecto a summa [illegible] esset.

[illegible] palet ex iis quae [illegible]

[illegible]

igitur res habet [illegible]

Deus sit in omnibus rebus et quidem intime

[illegible]

[illegible]

[illegible]

[illegible] si non tamen tam in spatio saltem [illegible]

[illegible]

[illegible] Thoma [illegible] omnibus et per omnia [illegible] etiam [illegible] omnia nuda sunt et aperta [illegible] per potentiam [illegible] omnia ab ipso dependent [illegible] potestati subduntur per essentiam quatenus adest omnibus ut causa essendi ex quibus cum Dei immensitas proprie constituatur patet hanc soli Dei esse attributum

De scientia Dei

Scientia Dei nihil aliud est nisi Deus ipse quatenus [illegible] extra se cognoscit. Talis scientia est perfectissima in Deo, namque Deus ut sit perfectissimus debet omnia intelligere ut omnia regat [illegible] per [illegible] Deus omnia novit nec enim potest [illegible] quin [illegible] in se continentur

Scientia Dei relate ad objecta quae cognoscit [illegible] nostrum concipiendi modum distinguitur in scientiam simplicis intelligentiae et scientiam visionis. Scientia simplicis intelligentiae [illegible] Deus [illegible] non quidem in se ipsis sed in sua essentia [illegible] possibilia [illegible] [illegible] divina essentia prout est infinitis modis communicabilis et participabilis. Haec autem scientia dicitur etiam causa rerum [illegible] producendis. Scientia visionis est qua Deus cognoscit ea quae habent esse in aliqua [illegible] quae non [illegible] scientia [illegible] jam existerent [illegible] nunc existant sive sint futura. Ista autem cum adjunctum habeat voluntatis decretum [illegible] tivo rerum causa censetur.

[illegible] absoluta [illegible] simpliciter et absolute [illegible] [illegible] ab ulla conditione seu alterius objecti [illegible] [illegible] ordinata rerum multiplicium [illegible] alia sequuntur necessario et effective [illegible] a conditionis positione ita ut [illegible] ut [illegible] si Petrus ambulaverit movebitur et haec quidem [illegible] [illegible] secundum vim illationis [illegible] non

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[illegible] verum [illegible]

quia hoc loco nulla est difficultas [illegible] contra [illegible] habent [illegible] naturam connexionem cum conditione adeo ut hec separata se habeat [illegible] cum concomitanter ut si Petrus dormierit [illegible] [illegible] praemissas [illegible] [illegible] dormiturum et [illegible] [illegible] connexionem [illegible] spectato extra naturali et necessaria absolute tamen [illegible] ut si [illegible] movetur [illegible] ut [illegible] Petrus concionem audierit ad Deum convertetur. [illegible]

[illegible] autem et [illegible] conditionata futura [illegible] modo [illegible] uno modo pro [illegible] in [illegible] non [illegible] et [illegible] [illegible] tum [illegible] modo [illegible] res [illegible] parte [illegible]

[illegible] et solum [illegible]

[illegible]

ens praevisio est [illegible] decretum Dei [illegible] sententia [illegible]

Propositio

[illegible]

[illegible]

[illegible] conclusio est contra antiquos [illegible]

[illegible]

[illegible] contra nonnullos auctores [illegible]

[illegible] noscere [illegible]

[illegible] autem nisi futura omnia praenosceret [illegible]

[illegible] consideratione [illegible]

Ergo

[illegible] ante [illegible]

[illegible] praescientiam [illegible]

[illegible] consequentia rerum [illegible]

[illegible] praescientiam [illegible] ergo [illegible] rerum futurarum [illegible]

[illegible] argumentorum [illegible]

contingentia [illegible] futura [illegible]

[illegible] futura [illegible]

[illegible] determinate [illegible] non tamen [illegible]

[illegible] determinate [illegible] non tamen

[illegible] contingentium futurorum

[illegible] bonum [illegible] contingenti [illegible]

[illegible]

[illegible] ... tionata et cum [illegible] magnum [illegible] ... [illegible] ... spectant [illegible] ... [illegible]

De Voluntate Dei

[illegible] ... [illegible] ... et non semper [illegible] ... tamen est [illegible] signum [illegible] ... voluntate [illegible] ... bonum [illegible] ... est [illegible] ... [illegible] est, cum sit maxi[illegible] ... [illegible] Philosophi et Theologi [illegible]

[illegible]

accurate ipsum libertatis formalem conceptum.

[illegible]

[illegible]

[illegible] per [illegible] [illegible] nec ad [illegible] potentiam ad actum, [illegible] [illegible], et potentialitate subjecti nihil enim recipere potest nisi quod est in potentia ad formam receptam [illegible] indifferentia passiva [illegible] est imperfectio [illegible] [illegible] [illegible] in hoc enim est perfectio quod sit modo [illegible] [illegible] tia ingerendo, In eo vero imperfectio quod sit indifferens in essendo. In deo igitur qui est actus purus et infinitus nulla [illegible] [illegible] potentia passiva [illegible]

[illegible] secundo indifferentiam activam ad [illegible] [illegible] [illegible] potentia vel inter se non [illegible] de conceptu formali libertatis [illegible] [illegible]

[illegible] manifeste [illegible] potentia [illegible] [illegible] nequit nisi a limitatione et [illegible] sub [illegible] [illegible] et in creaturis [illegible] limitatae sunt reperitur talis indifferentia nequit tamen in deo [illegible] in eo [illegible] [illegible] [illegible] [illegible] [illegible] manifestum est omnes [illegible] [illegible] velle et nolle amorem et [illegible] [illegible] [illegible] neque [illegible] neque voluntate divina [illegible] [illegible] ratem [illegible] [illegible] [illegible] ipsam amorem [illegible] [illegible] [illegible] simplicissimum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] per [illegible] quod [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quod probabis [illegible] libertas [illegible] [illegible]

[illegible] constituitur [illegible] ut mixtum [illegible] terminatur [illegible]

Propositio

[illegible]

et dominii actus Divini respectu

aliorum a se.

[illegible] volitio [illegible] in ipso actu ut [illegible]

Circa primum itaque dico volitionem seu actum [illegible] essentiam Divinam [illegible] est [illegible] Divus Thomas [illegible] necessitatem [illegible] in [illegible] et vult [illegible] volitionem [illegible]

Circa secundum [illegible]

[illegible] sint actus [illegible] sec [illegible] actum [illegible] quatenus [illegible] naturam immutat volitio dicitur [illegible] [illegible] vel non immutet cum [illegible] primum determinans indeterminatum [illegible] et ne[illegible] [illegible] [illegible] [illegible] libertatem cum immutabilitate conjunctam

[illegible] actum [illegible] ut [illegible]

[illegible] [illegible] cum summa sit [illegible] [illegible] in tempore [illegible] voluntatem [illegible] perfectionum suae [illegible] creaturas tamen non [illegible] [illegible]

[illegible]

[illegible] Iterum et notandum est nec [illegible] tiam [illegible] enim Deus [illegible] omnia poneret jam [illegible] Divina [illegible] [illegible]

[illegible]
bilium

[illegible] sunt in se quia nullam involvunt repugnantiam [illegible]

[illegible] nos posse Deum non posse [illegible] quo ad essentiam [illegible]

[illegible]

nui

[illegible] [illegible] a Deo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] nihilo quod [illegible] [illegible] [illegible] [illegible] divinae sapientia [illegible]
infinitis [illegible] perfectionibus [illegible] [illegible] ratione [illegible] [illegible] [illegible]
[illegible] semper [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] semper [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] natura vero creaturae repugnat Deum [illegible] perfectum [illegible] [illegible]
[illegible] non [illegible] [illegible] [illegible] perfectior creari [illegible] maximam [illegible]
perfectionem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] stat quod [illegible] [illegible] [illegible]
finitum. Ergo.

[illegible] [illegible] Conservatore et Provisore prout Creatore

[illegible] contemplati sumus Deum in sua natura [illegible] [illegible] Deum [illegible] [illegible] relationes [illegible] habere [illegible] ad creaturas [illegible] [illegible] relationibus [illegible] [illegible] [illegible] denominationes [illegible] [illegible] [illegible] denominationes [illegible] a creatione et conservatione quae sunt [illegible] [illegible] munera [illegible] [illegible] [illegible] Deo Creatore Conservatore et Provisore.

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dicimus de aeternitate [illegible] non [illegible] [illegible] [illegible] a Deo Creatore [illegible] potuisse [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quaestionem [illegible] [illegible] Deo [illegible] [illegible]

[illegible] [illegible] [illegible] conservatio [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tamen sermo [illegible] de conservatione directa [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] removet [illegible] [illegible] autem [illegible] creaturam [illegible] [illegible] a Deo [illegible] [illegible] [illegible] conservationem

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[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] ationem nec nisi per voluntatem divinam existentiam habeat sicuti [illegible] existere [illegible] [illegible] eam existere ipsa [illegible] ita intelligitur non posse subsistere nisi [illegible] ipsa Dei voluntas conferens creaturæ [illegible] perseverantiam existendi [illegible] conservationem [illegible] non esse actionem [illegible] a creatione nisi virtualiter et [illegible] connotatur [illegible] in utraque actione causa est causa [illegible] [illegible] tempore causa tribuens [illegible] et [illegible] retinens [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] creatio respicit creaturam quæ ante non fuerat conservatio vero creaturam jam existentem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quæ nisi [illegible] [illegible] non [illegible] creaturam in nihilum [illegible] [illegible] nem [illegible] [illegible] [illegible] per [illegible] [illegible] [illegible] creaturæ sicut non [illegible] creaturam in nihilum reducere [illegible] nem [illegible] quia actio positiva [illegible] in nihilum terminari [illegible] potest per [illegible] [illegible] [illegible] ergo [illegible] potest creaturas in nihilum reducere [illegible] eas conservat per actionem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] influxum et actionem [illegible] permanet [illegible] semel productum [illegible] summi auctoris continuatam [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] quibus adverte opus [illegible] [illegible] [illegible] [illegible] materia creata et [illegible] conservata [illegible] ab actione [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] comparatur unde [illegible] [illegible] [illegible] [illegible] formam [illegible] non [illegible] et [illegible] influxu et [illegible] [illegible] [illegible] [illegible] non solum [illegible] [illegible] [illegible] forma sed etiam [illegible] [illegible] [illegible] [illegible] possunt conservari [illegible]

[illegible] [illegible] [illegible] actionem conservativam a [illegible] non [illegible] [illegible] [illegible] [illegible] creativa [illegible] [illegible] [illegible] creationem uno momento [illegible] [illegible] [illegible] conservationem vero perseverare [illegible] actionem transeuntem

ide-

[illegible] virtualis tam ob actionem facte [illegible] actio enim creativa prout primo ponit rem in esse perficitur uno momento, eadem prout conservat rem in esse [illegible] actio continuata, et [illegible] conservatio successiva.

[illegible] collige cum auctore Philosophicarum [illegible] nimirum nempe corpora existere ubi Deus vult ea existere et consequenter corpus quod nunc existit Venetiis posse si Deus velit existere momento [illegible] sine ulla inter[illegible] [illegible] actio divinae voluntatis qua res creantur et continuo, et sine intermissione conservantur nullis locis est alligata [illegible] Deus ubicumque vult operatur [illegible] ratione explicari potest agilitas corporis gloriosi [illegible] ibi corpus gloriosum post resurrectionem a Deo ponetur [illegible] creabitur seu conser[illegible] [illegible] mens beata cupiet. Cumque cogitatio nostra, seu desiderium fer[illegible] vatur a loco in locum, quamvis per interjecta spatia non transeat nec interposita claustra perfringat, ibi reperietur corpus gloriosum ubi erit desiderium seu cogitatio non interjectis spatiis intermediis non effractis claustris interpositis [illegible] inquit Sanctus Augustinus libro vigesimo secundo de civitate Dei capite vigesimo ubi volet spiritus ibi erit corpus

De Deo Provisore

[illegible]

Postquam ostendimus omnia a Deo creari [illegible] quemadmodum creata [illegible] [illegible] voluntatem [illegible] et ostendamus omnia etiam a Deo gubernari [illegible] [illegible] [illegible] Providentia, in quam omnia quae in Mundo fiunt refunduntur.

Providentia [illegible] [illegible] [illegible] ratio [illegible] [illegible] Dei per quam omnia quae fiunt [illegible] gubernantur. Providentiam Dei plures denegarunt, in primis Epicurei quorum [illegible] [illegible] [illegible] [illegible] Deum [illegible] [illegible] existentiam non [illegible] [illegible] [illegible] Deo volentes omnia casu fieri [illegible] atque ulla

principia moverant contra nos

Propositio

Omnia, quae in Mundo fiunt, sunt sapientissime
a Deo atque Deus est providentissimus

Probatur sicut Mundi contingentia et ordo probarunt supremum conditorem ita probabunt etiam providentissimum Gubernatorem nec enim sine summi Dei Providentia stare posset tantus rerum ordo nec salus est Mundus, nec enim per se est ergo neque per se regitur deinde quod non habet in se rationem suae existentiae, nec habet in se rationem suarum operationum. Ergo Mundus non ... est ... ergo in suis operationibus regitur a Deo. Tandem omnia quae in Mundo fiunt in determinatum finem collimant ... casu fieri nequit ut ... probavimus. Ergo causa providentissima est quae omnia in finem ... dirigit. Ergo est summa ... Providentia. Ergo datur divinum Numen ...

Deus est itaque providentissimus. Et sane non potest esse perfectissimus nisi omnia sciat omnia velit omnia possit et regat. Si autem casu fierent quae fiunt in Mundo, non omnia determinate sciret, determinate vellet, quomodo ... sapientissimus ... et potentissimus si etiam non vigeret, nec posset ... actualiter ... cum ... omnia fierent ... si ... non curaret ... quoad Mundi regimen ita ... ut non solum ... eius voluntatem non extant sed neque moverentur. Non esset sapientissimus, non esset summe bonus si omnia absque ratione permitteret ... nullus esset ... ad justitiam ... rem si non consuleret ... curam gereret. Ergo Deus est Providentissimus.

Objectiones cum solutionibus. Omnia sunt natura et casu conservantur

Dici ... quod ... ut ... natura ... reponimus cum ... est neque casu conservatur nam ut ... rationem requiritur ...

eandem vim non interruptè agens quæ operata est in creatione

Ob. ... Deus noluit creare Mundum, ut Mundus per se consistens non indi-
geret ...

Resp. ... quæ de conservatione diximus

... Plurimi sunt in natura effectus inutiles imperfecti quin imo noxii
et mali, quid enim muniis tot herbarum et animalculorum generibus quæ vel
ipsam oculorum aciem fugiunt, et nihilo inserviunt quid innumeris
tot insectis et vermiculis qui stomachum ... movent, quid magis noxium
tot venenosis animalibus tot morborum speciebus tot ... fulminibus
incendiis inundationibus grandinibus terremotibus, et aliis id genus innumeris
quæ detrimento sunt, et ruinam faciunt hominibus animantibus ...
universo. decet autem divinam Providentiam consulere inutilibus
noxiis, et malis providentis est communi bono providere, et omnia ad aliquem
finem, et usum trahere, adeoque mala tollere. Ergo non datur Providentia.

Resp. Concedo spectato commodo nostro particulari, plurima rerum genera
inutilia videri, non vero spectato fine ad quem universaliter diriguntur
aut dirigi possunt, cum itaque Christus universus non solo ... a-
... ... negueunt ea omnia inutilia nulla hominibus af-
ferunt utilitatem. Finis autem ad quem diriguntur huiusmodi creata et
... rantur est impervius divini consilii partem ... nos ignorare quid sit
divinum consilium et modum ... quo impleant Dei consilium, seu
ex quo ignoretur non probatur aliquo ullo fine instituta ... excludendum
pugnat enim quod Deus et natura frustra ... ... et non nisi temere
et imprudenter ... ignoratione conficiunt Deum res huiusmodi inutiliter
existere absque ullo fine. ... fieri potest ut plura in hominis bonum
sint instituta quæ tamen videantur inutilia et noxia ex ... quod eorum
... non passus et virtutes ... ... generibus
quæ ... ad remedium utiles reperta sunt. ... itaque inutilia aliena

cognitione et usu hominum, non attento ordine ad universum, et huius quem et propter quem creata; nec enim fortuito nata aut ex se, sed creata ab Ente [illegible] atque summo consilio, et ratione Divina ineffabili; quod si Divino consilio creata, Divino pariter existunt, et moverantur consilio.

Fenomena vero [illegible] non opponuntur [illegible] [illegible] qui [illegible] ex legibus naturae [illegible] ex fermentatione et abortu [illegible] ignearum quae accenduntur et animam [illegible] tonitrua [illegible] sunt commotionis aeris quae commotio cum maxima sit sonum producit ad aures nostras vehementem [illegible] mum. [illegible] terremotus [illegible] sulfureis et igneis in terrae sinibus [illegible] ignis naturam conantes se expandere [illegible] terrae [illegible] ex maxima aquarum [illegible] in [illegible] hominum [illegible] ex natura [illegible] naturae [illegible] maxima [illegible] naturam in suo ordine statuto [illegible] fenomena [illegible] sint hominu[illegible] est nec [illegible] in quo [illegible] summa [illegible] conservatio [illegible] igitur Deus ut consuit ut [illegible] hominum bono [illegible] maximo bono [illegible] conservat [illegible] quod [illegible] non [illegible] universum consulere [illegible] bono communi quam bono particulari [illegible] privato [illegible] hominum [illegible] privato [illegible] terremotus [illegible] natura [illegible]

Spe-

spectato igitur ordine universali nullum est malum [illegible] in bonum eorum directa, licet spectato ordine particulari mala sint et noxia. Ergo summa [illegible] providentia [illegible] summe [illegible] sint.

Objicies [illegible] Deus est providentissimus maxime providebit rebus humanis; sed si providet cur tantam nequitiarum multitudinem sinit [illegible] nec [illegible] omittit [illegible] in [illegible] hominibus [illegible] providentia est alios homines ditissimos alios miserrimos ita ut prae miseria langueant permittere; providentiae est omnia in ordine ponere et mensura distribuere secundum necessitatem; sed providentia sinere [illegible] [illegible] [illegible] [illegible] spernitur [illegible] si res bene attendatur erga animantia quam erga homines; animantia enim nascuntur [illegible] sibi necessarium [illegible] de [illegible] [illegible] propter morborum [illegible] Non est igitur erga homines divina Dei providentia. [illegible] aut Deus vult tollere mala et non potest, aut potest et non vult, aut non vult et non potest, aut vult et potest; si vult et non potest Deus non est, est enim impotens; si potest et non vult [illegible] Deus non summe bonus; si nec vult nec potest Deus a fortiori non est; si vult et potest, quod convenit Deo, cur non tollit mala? ergo non est providentia. [illegible] quod neque [illegible] Deus [illegible] in calamitates [illegible] sime profundimus.

Respondeo. Quod in hominibus sint nequitiae atque in [illegible] ex [illegible] hominum non ex Dei providentia, sed libero arbitrio [illegible] permittere autem debet Deus ex ordine naturae, necessario cum hominem [illegible] liberum [illegible] potest avertere a bono in quod bonum [illegible] naturaliter tamen [illegible] corrupta natura et imbecillitate inclinat in malum. [illegible] igitur [illegible] providentia [illegible] nec mala physica cum ut diximus [illegible] ex legibus naturae sequantur ne[illegible]

ma-

mala ipse sint sed re ahoc tantum, [illegible] accidens aliquando aliis nocent, eius quidem specialissimam habet hominum curam. Totum enim universum [illegible] et conservat omnium commodo

[illegible] vero [illegible] conditionem hominis in multis deteriorem esse conditione brutorum facilem obtinet responsionem quia nempe homo propria [illegible] se beari nô est a malis quod non contingit in [illegible] [illegible] reflexione ratiocinatione non polent

[illegible] vero maxima sit humanae naturae imbecillitas et [illegible] tas [illegible] concedimus, sed non inde accusanda Divina Providentia. Neque enim a Deo iam praeclaro menti summus, ut felices absolute et beatos nos conderet satis superque est quod rationem nobis concesserit qua bonum a malo secernere [illegible] [illegible] que [illegible] qua [illegible] re et [illegible] in nostra esset facultate, malum vero fugere et [illegible] posibus evitare [illegible] infirmitas et imbecillitas sunt finitae humanae naturae necessariae consequentiae, [illegible] quidem providens sit Deus imbecillis [illegible] est sit humana natura.

[illegible] resnon [illegible] [illegible]

[illegible] aut [illegible]

[illegible]

et salus mea veniret. Deinde [illegible]

B4B 1

[illegible]

purgemus.

[illegible] curam [illegible] providentia nam [illegible] beatum [illegible] epicureus [illegible] nec habere [illegible] aliquid potest unde nec ira [illegible] vero [illegible] rerum [illegible] providentia[illegible] [illegible] [illegible] nominibus [illegible]

[illegible] omnino [illegible] Dei majestas. Ergo.

[illegible] divinae omnium rerum gubernationem [illegible] uno [illegible] omnia intelligat [illegible] omnium [illegible] [illegible] rerum [illegible] gubernatio [illegible] procurationem. Ergo [illegible]

[illegible] minimarum [illegible]

[illegible] minimarum [illegible] Ergo [illegible]

[illegible] vero est [illegible] non [illegible] humana [illegible]

D

[illegible] ... minime non [illegible]
curanda tradunt, deinde id oritur etiam ex [illegible]
censent se parvos fieri [illegible]

[illegible]

Ad auctoritatem Divi Hyeronimi [illegible]

[illegible] omnem esse [illegible]

De Deo concurrente

[illegible]

[illegible] agere aliquid potest quin Deus concurrat cum ipso ad [illegible]

[illegible]

[illegible]
sero acero et activa moveat ad operandum. Quatenus est illius omnipotens efficientia serviens [illegible] omnium motuumis ac [illegible] pernas quod esset summi ingeniis plerumque difficultatis negotium visum fuerit, id nos tamen recread [illegible]
in re obscurissima amplexuros esse plane et certo confirmo.

[illegible]

rem reducendi de actum suam potentiam. Reducere en[illegible] [illegible]

[illegible]

[illegible] et inclinationi plane [illegible]

[illegible]

B.46.

[illegible] rea[illegible] [illegible]
[illegible] proprio [illegible]
[illegible] motu [illegible] praemoveat [illegible]
[illegible]
[illegible]
[illegible] naturae [illegible]
[illegible] determinat [illegible]
[illegible]
[illegible] ab auctore naturae [illegible] voluntatibus [illegible]
[illegible] miseriam [illegible]
[illegible]
[illegible]
[illegible] communi [illegible]
[illegible]
[illegible] motiones [illegible]

[illegible]
[illegible] alii volunt nullam esse praemotionem physicam, sed solum concursum simultaneum per quem [illegible]
se cooperatur, ac sicut ipse concursus voluntatem determinet sed ab ipsa potius [illegible] convenire videtur cum Pela[illegible]
[illegible]

[illegible] actus supernaturalis [illegible] necessario sequatur voluntatem [illegible] naturales actus [illegible] habeat [illegible] argumenta [illegible] quibus [illegible] praemota [illegible] non [illegible] humanos actus [illegible] ac operarum [illegible] contra [illegible] Thomistae [illegible] motionis [illegible] non a voluntatis electione sive consensu [illegible] efficacissima motionis [illegible] voluntatem humanam [illegible] simultaneo concursu [illegible] praemotione [illegible] motione, etiam [illegible] actus [illegible] physica praevia [illegible] specialis motio qua Deus [illegible] determinet.

Cur autem non asseramus [illegible] omnes actus nostros [illegible] physica [illegible] praemotione [illegible] mo-

[illegible] constanum

Primo itaque [illegible] est [illegible]
[illegible] ad amandum specialiter [illegible] obiecto habitum. [illegible]
determinari [illegible] determinari nisi [illegible] motionem spe-
[illegible] cum [illegible] est [illegible]
[illegible] et se [illegible] determinet [illegible] admixtam [illegible]
[illegible] est [illegible] nequit se ipsum determinare. [illegible]
[illegible] in [illegible] et in actum [illegible] eadem ratione qua [illegible]
[illegible] movere tandem quia causa
secunda nequit [illegible] et primo [illegible] determinetur a causa
[illegible] independenter a [illegible]
[illegible] determinari [illegible]
[illegible] determinata et [illegible] conse-
[illegible] determinationem, nequit [illegible] determinet [illegible] mota
[illegible] motionem [illegible] non agat in [illegible] in [illegible]
[illegible] a movente [illegible] morali [illegible]
[illegible] posita excitatione [illegible] se ad
se [illegible] determinare [illegible] angeli et [illegible]
[illegible] voluntatem movent moraliter [illegible]
unde [illegible] a motione morali [illegible] non [illegible]
[illegible] quam [illegible] omnino quod
[illegible] est [illegible] neque sufficit praemotio physica generalis nam vel
per illam praemotionem [illegible] ipsam voluntatem ad bonum [illegible]
[illegible] voluntate [illegible] natura [illegible]
[illegible]
[illegible]
[illegible]
[illegible] falsum est vel per illam

[illegible] promotionem [illegible] [illegible] universalem rationem a [illegible] [illegible] [illegible] et tunc est [illegible] mere nulla cum voluntas non [illegible] bonum generatim et abstractum, sed in [illegible] particulare concretum [illegible] [illegible] admisso etiam [illegible] promotione [illegible] a [illegible] remanet indifferens circa particulares actus [illegible] [illegible] [illegible] voluntatem [illegible] debet per aliquod determinans circa particulares actus [illegible] [illegible] nequit, [illegible] [illegible] [illegible] [illegible] simultaneum [illegible] concursu [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in actionem a determinatione [illegible] [illegible] ita probant Thomistæ contra simultanei concursus assertores

Verum inquiunt isti Thomistarum sententia [illegible] [illegible] [illegible] [illegible] humanam libertatem [illegible] evertit primum quia [illegible] facit auctorem peccati secundum quia antecedenter [illegible] usum libertatis actus est conexus necessario cum promotione.

[illegible] Thom. [illegible] sese explicant [illegible] [illegible] [illegible] modo [illegible] considerari [illegible] [illegible] libertatem, et [illegible] [illegible] actu primo et [illegible] in actu secundo [illegible] [illegible] [illegible] est in actu primo duplicem [illegible] obtinere potest [illegible] enim est in actu primo remoto [illegible] in actu primo proximo. libertas in actu primo remoto [illegible] tanquam facultas [illegible] [illegible] conditionibus [illegible], quæ [illegible] [illegible] necessario requirunt sive [illegible] [illegible] sive sint positiva [illegible] [illegible] negativa sunt ex [illegible] carentia impedimenti [illegible] [illegible] positiva sunt ex [illegible] cognitio [illegible] libertas [illegible] [illegible] potentia necessaria [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fundamentum et [illegible] [illegible] [illegible] non est [illegible] [illegible] libertas vero [illegible] actu primo proximo est facultas [illegible] omnibus instructa quæ ad [illegible] [illegible] [illegible] [illegible] potentiæ [illegible] [illegible] et necessarium [illegible] [illegible] in actu secundo est [illegible] potentia [illegible] [illegible] [illegible] [illegible] ad suum actum [illegible] [illegible]

[illegible] [illegible] quo superaddit libertati in actu primo proximo [illegible] se ipsum actum exercitum et omnia requisita que spectant ad ipsam actus secundi; [illegible] enim hic notandum est quod maximi est momenti [illegible] omnia requisita per que actus elicitur et libertas exercetur et ultimo actuatur spectare ad [illegible] libertatis prout est in actu primo proximo, et hoc [illegible] est manifestum in concursu simultaneo quo natura indiget in ipsa determinatione. Hic enim concursus requiritur ad libertatem prout est in actu secundo non prout est in actu primo unde sine ipso potentia est maxime libera et expedita ad agendum. Ex quo colligitur quod cum potentia libera nequeat simul erumpere in actus oppositos ad quos est indiferens nequit enim simul amare et non amare verbi gratia colligitur inquam potentiam liberam cum unum actum elicit verbi gratia amorem esse in actu proximo potentia proxima relate ad alium actum oppositum, atque quia spectat ad amorem ipsam habere omnia requisita ex parte actus secundi relate vero ad [illegible] non habere nisi requisita ex parte actus primi.

Notandum etiam est accurate discrimen quod intercedit inter primum agens [illegible] et inter secundum seu quod idem est inter divinam et creatam voluntatem et libertatem. Deus enim qui primum agens [illegible] dicitur liber est per indiferentiam [illegible] [illegible] que cum nihil habeat [illegible] nequit ab alio determinari sed ipsam determinat; secundum vero [illegible] seu quecumque voluntas creata admixtam habet indiferentiam passivam [illegible] vel alibi diximus ex [illegible] limitatione et [illegible] [illegible] [illegible] create quod ab alio determinatur unde cum hec indiferentia passiva quam habet admixtam [illegible] [illegible] nisi per [illegible] agentis motionem [illegible] [illegible] non solum non [illegible] libertatem sed eam potius perficit cum tollat [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] passivam que, ut supra demonstravimus est [illegible] et imperfectio idies. Observandum [illegible] est a [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

re

[illegible] est quia [illegible] continet eminenter [illegible] actionem indifferentiæ libertatis creatæ, seu etiam motus [illegible] primum liberum quia continet eminenter [illegible] nem libertatis creatæ in actu primo potest etiam libertatem efficere [illegible] omnes motus illius eminenter etiam contineat recte infertur posse Deum [illegible] motus liberos efficere quod non valet de quocumque [illegible] creato cui non convenit [illegible] incontinentia [illegible] divi Thomæ qui [illegible] in locis [illegible] tradit [illegible] vero, [illegible] contra gentes [illegible] sexagesimo octavo, ubi ait dominium quod habet voluntas supra suos actus [illegible] in potestate eius est velle [illegible] excludit determinationem virtutis ad unum, et violentiam causæ agentis exterioris [illegible] influentiam [illegible] est [illegible] operari [illegible] constitutis, [illegible] excludit oppositionem [illegible] tio.

[illegible] pertinet ad libertatem [illegible] voluntas [illegible] connexio per præmotionem physicam necessario cum actu [illegible] [illegible] indifferentem [illegible] præmotionem [illegible] voluntati creatæ [illegible] ad unum determinat [illegible] voluntati per motum applicationis ad unum [illegible] proxime [illegible] licet ex [illegible] ad quæ [illegible] remanet in voluntate proxima [illegible] [illegible] necessitatem [illegible] per [illegible] ad unum [illegible] potentiam in actu [illegible] actus primi determinatur ad unum. Porro per physicam præmotionem [illegible] voluntas [illegible] ad unum actum [illegible] remanent omnia requisita [illegible] redditur proxime [illegible] in actu primo [illegible] ad [illegible] manet [illegible] et [illegible] motionem [illegible]

[illegible] et [illegible] nam [illegible] fonsus [illegible] [illegible] est [illegible] perfectis [illegible] cum Deus eminenter continet [illegible] reale [illegible] autem ut exeant a voluntate prout [illegible] [illegible] voluntatem humanam sua motione [illegible] [illegible] [illegible] non [illegible]

Credo autem dicta [illegible] voluntati [illegible] necessario connexum [illegible] [illegible] necessitate antecedenti [illegible] nego [illegible] voluntas creata [illegible] determinata [illegible] quidem infertur ex [illegible] praemotione sed [illegible] ratio est quia nemo [illegible] ex parte sui propter [illegible] ut [illegible] immutabiliter movet humanam voluntatem sed propter naturam humanam [illegible] indifferentiae [illegible] [illegible] [illegible] [illegible] non [illegible] necessitatem quam [illegible] non [illegible] [illegible] requisita spectantia ad hanc facultatem prout [illegible] necessitas [illegible] consequens quae [illegible] non [illegible]

[illegible] praemotione [illegible] non [illegible] et [illegible] nemo sub [illegible] divinae praemotionis [illegible] componere omnia requisita [illegible] odium [illegible] efficacia [illegible] non potest componere omnia requisita ad [illegible] non potest componere et [illegible] rationem [illegible] nego [illegible] [illegible] [illegible] [illegible] unum [illegible] non [illegible] potentia consequenti [illegible] non [illegible] componere requisita [illegible] requisita [illegible] potentia [illegible] vel [illegible] non sit libera [illegible] voluntas [illegible] praemotiona divina [illegible] humana libertas

[illegible] neque [illegible] sub [illegible] divina [illegible] est autor peccati [illegible] [illegible] actionem quatenus mala est non qui praemovet ad actionem [illegible] prout est actio. Notandum est in peccato distinguendum esse actionem ipsam [illegible] est [illegible] entitas et malitia actionis quae est mera privatio rectitudinis debitae. Notandum est praeterea [illegible] causam efficientem et [illegible] entem [illegible] causa [illegible] efficiente concurre[re] ad actum peccati [illegible] instrumentum in actione peccati [illegible] tanquam [pri]ma causa et summe efficiente [illegible] est [illegible] [illegible] tionem seu defectus id est ipsa malitia et peccatum [illegible] [illegible] [illegible] tribuendum est [illegible] soli voluntati creatae.

[illegible] est quod dicas hominem non esse causam peccati nisi quatenus est causa actionis et defectum [illegible] ab actione [illegible] Deus praemovet ad actionem praemovet ad peccatum, ergo homo est causa peccati quatenus est causa actionis [illegible] causa [illegible] ad [illegible] defectum [illegible] quatenus est [illegible] causa actionis nego. Responsio patet ex dictis. Licet vero effectus et ab actione [hu]mana inseparabilis [illegible] potest attingere actionem quin attingat defectum [illegible] est intra lineam efficientis [illegible] est extra [illegible] lineam [illegible] Deus [illegible] causa deficiens. Unde distingue inseparabilis est defectus ab actione [illegible] [illegible] est à causa secunda deficiente concedo [illegible] causa prima [illegible]

De necessitate [illegible]

Ex dictis Deus est creator et provisor ac conservator noster perpetuus et [illegible] [illegible] immediate et [illegible] in manu [illegible] directus, et absolutus convenit Deo de nobis jus [illegible]

[illegible] [illegible]

[illegible] male facientibus seu divinam voluntatem violantibus. [illegible]

[illegible] enim [illegible] homo cum dispenseat a Deo [illegible] [illegible] liberas conformare voluntati [illegible] est [illegible] voluntati [illegible] nihil valere [illegible] conformare voluntati [illegible] namque [illegible] concurrunt ad liberas hominum actiones [illegible] causa est [illegible] perfectionem [illegible] manifestationem suae bonitatis [illegible] divinitatem [illegible] sapientissimus [illegible] ipsius et [illegible] hominum perfectionem cum sit [illegible] summum bonum non potest nisi velle bonum et [illegible] [illegible] hominum actiones [illegible] homo [illegible] bene [illegible] et [illegible] nec [illegible] quam [illegible] nempe [illegible] suam [illegible] nem, [illegible] adversantur [illegible] in [illegible] finibus [illegible] non potest [illegible] hominem [illegible] homo non potest [illegible] [illegible] conformare se [illegible] cum Dei voluntate [illegible] creaturas et [illegible] conformitate cum divina voluntate [illegible] amor [illegible] amor [illegible] amor pro[illegible]mi et amor generalis [illegible] et [illegible] bonum in genere [illegible] amor Dei [illegible] diligens creaturas vult [illegible] bonum et amans [illegible] et [illegible] amat et [illegible] amor [illegible] bonum [illegible] bonum [illegible] amor [illegible] bonum in genere [illegible] et [illegible] voluntati [illegible] bonum omnium et [illegible] bonum [illegible] non secus ac [illegible] bonum [illegible] amor genera[illegible] generalis [illegible] bonum in genere [illegible] generali cuncta, et singula [illegible]

Con:

continentur particularis bona [illegible] vero tales amores fluunt orvati ex summo Dei dominio et ex infinita perfectione, [illegible] obligatio [illegible] Deum super omnia [illegible] contemplandi et observandi et vivendi per Deum [illegible] nos [illegible] [illegible] adest ratio [illegible] [illegible] [illegible] perfectionem ad quam nostras actiones per divinam voluntatem dirigere debemus agamus [illegible] [illegible] [illegible] [illegible] et summa relatione [illegible] ad Deum [illegible] necessario [illegible] timor [illegible] ex amore consequitur [illegible] filialis [illegible] noster [illegible] [illegible] et Dominus [illegible] autem [illegible] ex hoc timore filiali non debet influere in voluntatis determinationem nisi [illegible] ex eo [illegible] [illegible] [illegible] [illegible] licet [illegible] Deum super omnia amemus timere [illegible] [illegible] [illegible] faciamus quod Deus fieri non vult [illegible] [illegible] quod Deus vult fieri. Timori filiali opponitur timor servilis [illegible] [illegible] [illegible] coactus aliquid facerent vel abstinerent [illegible] timor servilis [illegible] [illegible] ut malum [illegible] non [illegible] [illegible] Deum [illegible] [illegible] malam voluntatem [illegible] abstinendi [illegible] [illegible] et bonus est si ergo ita [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cum externis [illegible] externa sunt mera signa internarum, [illegible] internas [illegible] externas [illegible] [illegible] actiones nostras [illegible] [illegible] manifestationem perfectionis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] testatio nisi per cultum Dei sive intrinsecum sive extrinsecum [illegible] [illegible] Dei fuit necessario [illegible] [illegible] [illegible] [illegible] et cum tota hominis vita sit actionum liberarum complexio [illegible] moraliter respiciatur cum actiones omnes ad rectum finem dirigi debeant, et ad manifestationem summi Dei [illegible] tota hominis [illegible] [illegible] cultus ita ut homo Deo vivere, et mori debeat [illegible] [illegible] [illegible] religionis [illegible] [illegible] [illegible] [illegible] [illegible] datur cultus

B S10

debet ate meus [illegible] exercetur. Religio autem hæc ex naturali ratione deducta [illegible] religio naturalis [illegible] a homine [illegible] potest [illegible] Deum ipsum [illegible] prout [illegible] est [illegible] revelan[illegible] [illegible] [illegible] præter naturalem [illegible] [illegible] rel. [illegible] revelatam [illegible] homine [illegible] [illegible] volunt [illegible] morale [illegible] naturæ leges et ration[illegible] [illegible] scriptis [illegible] traditis per revelationem [illegible] naturali ratione [illegible] præter naturalem revelatam religionem sequi tenetur hominem

2ª Propositio

[illegible] omnibus hominibus

nedum naturalis sed revelata religio.

[illegible] Præcepta naturæ [illegible] ratione [illegible] patent ut ea ignorare nemo [illegible] [illegible] nequaquam [illegible] [illegible] [illegible] conclusiones [illegible] [illegible] [illegible] conclusiones omnes non [illegible] ratione [illegible] [illegible] naturalis [illegible] sed a [illegible] et [illegible] remotius et [illegible] [illegible] et [illegible] serie et nexu [illegible] omnes [illegible] [illegible] entia nam etiam prima [illegible] depravata fuerunt ab hominibus sic natura patet ex illo principio alteri feceris quod tibi vis fieri et tamen invaluit [illegible] [illegible] tamquam [illegible] [illegible] lex fuerit apud [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] conimpertus [illegible] [illegible] remotius [illegible] [illegible] [illegible] [illegible] [illegible] naturali [illegible] [illegible] immortali[illegible] [illegible] [illegible] [illegible] legis naturæ.

nec

monstruosa [illegible] omen[illegible] [illegible] Lactantius [illegible] [illegible] [illegible] [illegible] [illegible] non ex [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] natura[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] revelata [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] controversiis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] monum [illegible] [illegible] [illegible] lex que ad veritatem nos ducat [illegible] [illegible] divina revelatio est infallibilis quia [illegible] [illegible] est revelans. Ergo nemo [illegible] [illegible] lex qua Deus revelans [illegible] [illegible] auctoritas est [illegible] [illegible] [illegible] [illegible] in [illegible] non [illegible] naturale [illegible] [illegible] [illegible] est necessaria ad recte vivendum [illegible] [illegible]

[illegible] [illegible] Principis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ad usum legitimum sensum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Principis [illegible] constitutus est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] legislatores [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] objectum [illegible] [illegible] perfectiones, sed sola ratio naturalis nec [illegible] [illegible] auctoritas [illegible] [illegible] [illegible] et explicare, ergo [illegible] religio [illegible] [illegible] rationem [illegible] inniti revelationi divinae. [illegible]

[illegible] demonstratione patet revelationis necessitatem [illegible] [illegible] [illegible] in ordine ad veritates [illegible] ex ratione [illegible] naturali [illegible] [illegible] ad dogmata [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] divina natura [illegible] [illegible] [illegible] [illegible] necessaria est [illegible]

Dices [illegible] [illegible] [illegible] [illegible] naturalis [illegible] ratione [illegible] [illegible] multo obscurior [illegible] revela[illegible] [illegible]

B58

quam [illegible] sfenunt legis naturalis precepta [illegible] revelatio lucem non afferat [illegible] naturali [illegible] et [illegible] et sane etiam habita revelatione [illegible] cum [illegible] in religione revelata sectarum va[illegible] [illegible] revelatio nihil adderet [illegible] naturali [illegible] religio naturalis ad bonum [illegible] natura

[illegible] est nihil [illegible] revelatam rationem nam cum [illegible] [illegible] motiva [illegible] motiva rationis evidenter [illegible] remotiora [illegible] naturalis principia quorum notitia obscura [illegible] [illegible] sensum et [illegible] testimonio [illegible] non est ratio [illegible] revelatam et [illegible] convenientiam [illegible] pariter [illegible] etiam [illegible] opinionum [illegible] et varie sectarum sen[illegible] [illegible] probat [illegible] vel ignorantiam qua ad motiva satis non advertunt et difficultatibus quas continent altissima mysteria [illegible] religionis [illegible] et cum non valerent explicare negaverunt [illegible] [illegible] praejudiciis et inordinatis affectibus et [illegible] [illegible] [illegible] et [illegible] [illegible] sectarum [illegible] evidentia credibilitatis vero [illegible] [illegible] et ignorantia [illegible] certum est [illegible] [illegible] contra [illegible] auctoritatem quam naturalem rationem [illegible] quam natura [illegible] et [illegible] [illegible] quam quod nobis ratio [illegible] nam magis [illegible] natura [illegible] vel [illegible] quam a nostro [illegible] revelatio [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] necessaria est revelatio

[illegible] gestas facta fuisset, Hoc non [illegible]

[illegible] probatur quod semper [illegible] Data

cata sit, sed quod necessaria est ad aeternam [illegible] inde sententiam [illegible] autem necessitas [illegible] non ex parte Dei inde cum sit [illegible] eam [illegible] non inde injustus sed minus [illegible] non est injustitia negare [illegible] aeterna consilia. Si autem [illegible] immediatam negavit [illegible] tum propter originale, tum propter actualia peccata [illegible] est Theologica questio utrum Deus auxilia ad salutem sufficientia conferat omnibus etiam infidelibus [illegible] Philosophi demonstrant necessitatem [illegible] et parte hominis [illegible] revelationis antiquitatem originem [illegible] nam [illegible] cognitio [illegible] verae religionis quam Deus pro temporum varietate conversione et conditione hominibus sancte et in [illegible] revelationi veritate non solum in [illegible] sed etiam in [illegible] demonstrant [illegible] est ad [illegible] sententiae nostrae confirmationem

Igitur [illegible] religionem naturalem necessaria [illegible] est revelata religio [illegible] quod cultu externo juxta religionis revelatae praecepta [illegible] quo nos dicimus praeter inquam naturalem religionem nec enim cum [illegible] necessitas religionis revelatae excluditur necessitas etiam naturalis cum revelata [illegible] naturalem est revelatio fiat, ut naturae praecepta [illegible] in rectum [illegible] Hinc cave ne intelligeres fidem esse [illegible] sine ratione nam fides rationem presuponit et numquam [illegible] possimus ad ea quae sunt [illegible] rationem [illegible] si ratio repugnantiam ostenderet rationi enim maxime consentaneum est divinae nos subdare auctoritati [illegible] necessitas comprobatur [illegible] religionis

De erroribus adversus scientiam naturalem de Deo

Primus error respicit existentiam Dei nempe eos qui negant [illegible] et dicuntur Athei [illegible] existentiam Dei [illegible]

[illegible], nota tamen verum si [illegible] sue esse intrinsecum hominis qui suasus sit non existere Deum id probavimus esse contra naturalem unius cuiusque rationem, et [illegible] non latet verus Atheismus

Qui Deum existere concedunt [illegible] divinam providentiam nullam imo religionem dicunt Deistae, sive Theistae quatenus tenent Deum existentem, et nihil aliud.

Qui satis esse dicunt per cognitionem naturalem in natura simplicitate Deum colere nec necessarium esse ullum externum cultum specialem sive morum [illegible] tradunt divinam revelationem naturalistae dicuntur. Nos probavimus divinam providentiam, et specialem concursum, et hinc necessitate externi et interni cultus in modo speciali colere, ut inde revelationis necessitatem. Ergo corruit Deismus. Ergo corruit naturalismus [illegible] ut veritati [illegible] homines corrupte vitae deistae, et naturalistae infiniti sunt ita ut [illegible] et [illegible] plenus dicatur qui religionem sequitur [illegible] eiusque ritus [illegible] tamquam pestes et ut ipsis respondeatur [illegible] providentia concursu, et religioni [illegible] mente fraudantur

[illegible] Epicurei [illegible] originem perversam habuit. Epicurei Deum [illegible] providentiam [illegible] negant animorum immortalitatem ita ut quocumque modo vivat homo nihil post mortem sperandum sit nihil timendum; nos probavimus divinam providentiam et [illegible], ergo corruit Epicureismus

[illegible] qui ut [illegible] peccatum ab homine excludant et omnia nulla ratione [illegible] fatalem et absolutam [illegible] isti dicuntur [illegible] Fatalismus. [illegible] lex est universalis qui [illegible] rerum omnium necessitatem etiam ad actus humanos [illegible] extendit [illegible] homini libertate, et particulare qui necessitatem absolutam non extendit ad actus humanos sed tantum

ad

ad res materiales [illegible] et [illegible] [illegible] universam [illegible]
Nos [illegible] [illegible] esse [illegible] contingens [illegible] nexum rerum [illegible]
[illegible] necessarium [illegible] [illegible] [illegible]
liberrime creaverit Mundum, nos [illegible] humanam non [illegible]
nec necessitate naturæ rerum nec [illegible] concursu [illegible] utrumque fatalis-
mum ergo non omnia fato, vel casu naturæ fiunt, nec omnia independenter
ab hominis consilio et voluntate, et multo minus a [illegible]
[illegible] convenit [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
tiones faciendas et aliquas ex lege omittendas [illegible] fatalem in homine
[illegible] naturæ [illegible] actionum necessitatem [illegible]
[illegible] [illegible] necessitatem in hu[illegible]
[illegible]
[illegible]

Qui [illegible] negant [illegible] [illegible]
[illegible] pugnare [illegible]
[illegible] nomine [illegible]
[illegible] nomine [illegible]
[illegible]
[illegible] non erant
[illegible] [illegible]
[illegible] [illegible]
[illegible]
[illegible] approbare [illegible]
[illegible] non [illegible]
[illegible] feminam vel [illegible]
[illegible] et æterno. Hinc [illegible]
[illegible] [illegible]

sut.

[illegible] enim [illegible] non [illegible] verus [illegible] pluralitatem Deorum [illegible] Pariter vero [illegible] sunt [illegible] plures colentes Deos [illegible] consentiunt [illegible] fuerunt [illegible] Deos existentes necessario [illegible] unum [illegible] unum causam [illegible] causam [illegible] quod [illegible] eo quod [illegible] auctore [illegible] dum [illegible] igitur [illegible] [illegible] Deum [illegible] demonstravimus [illegible] in natura. Potest [illegible] esse malum in hominibus [illegible] creaturae imperfecte natura [illegible] sit Deus summe bonus [illegible]

[illegible] Deum [illegible] corpora nostra [illegible] Deum esse [illegible] corpus [illegible] Anthropomorphismus

[illegible] eo quod Deus sit [illegible] et omnia moveat et animae et corpora [illegible] demonstravimus Deum esse spiritum, Deum immensum esse praesentia spirituali, [illegible] operatione [illegible] movere et virtute [illegible] per [illegible] Materialismus animam vero humanam spiritualem esse invictis demonstrabitur argumentis [illegible]

[illegible] eo quod Deus [illegible] immensus [illegible] Deum permisceri cum materia [illegible] animam [illegible] ex tali opinione originem habuit

Spi=

Spinozismus [illegible] subsistentem [illegible] pervadentem
[illegible] infinitis praeditam attributis infinite modificabilibus quorum duo primaria
sunt [illegible] et extensio infinita Spinozistae [illegible] sunt [illegible]
substantiae [illegible] cum persuasi essent [illegible]
ipso etiam ordine proprietatem infinite modificabilem [illegible] substantia universa-
[illegible] Spinozismus omnia entia [illegible] infinito, tamquam [illegible] ex neces-
saria modificatione attributionum [illegible]
finitas [illegible] modificationes hinc diversas [illegible] in diversis hominibus
species cogitationis [illegible] per Spinozistas non omnis homo habet [illegible] propriam animam
[illegible] et per se subsistentem [illegible] una universa-
[illegible] substantia animae [illegible] quae diversimode cogitat in diversis hominibus [illegible]
et movet [illegible] diversae corporum species oriuntur ex diversis [illegible] modificationibus
[illegible] extensionis universalis [illegible] infinitis modis [illegible] Spinoza
[illegible] Philosophiae Cartesianae principia methodo [illegible]
[illegible] axiomatibus et propositionibus [illegible]
[illegible] videntur [illegible] perpenderit [illegible] consequentia [illegible] et
falaces apparent suum destruit sistema [illegible] demonstravimus Deum [illegible] creatorem
non est [illegible] communem [illegible] proprietatibus materiae [illegible] Spino-
zismus [illegible] Spinoza Deum non distinguit a mundo ergo Deum facit materiam
corporeum corruptibilem extensum [illegible]
[illegible] contradictoria demonstrare universi patet
[illegible] ergo Deus est finitus et imperfectus
[illegible] Spinoza [illegible] atheismo et Deismo
universali [illegible] systematis
fundamento et [illegible] hypothesis [illegible] Spinoza [illegible]
[illegible] ejusdem essentiae quia si eandem haberent [illegible] essentiam [illegible] et eadem
substantia [illegible] Spinoza [illegible]
[illegible]

que tandem [illegible] [illegible] [illegible] [illegible] identitat[illegible] modo Paulus, Petrus quam [illegible] eandem habent essentiam sive similes sunt ratione humanitatis et essentiae humanae et tamen duo sunt singulares individue qui [illegible] [illegible] inter se numero si [illegible] genere ergo convenit, [illegible]

[illegible] sunt errores in Theologia naturali inter hos [illegible] et [illegible] [illegible] [illegible]mus cum [illegible]ismo et Materialismus cum Fatalismo. Primus [illegible] [illegible] viam sternit ad liberam vitam, unde quod ego [illegible] licet [illegible] appetitibus omnino indulgens [illegible]

[illegible] [illegible] consuevit et ut tollantur omnis turpitudo actionum [illegible] non vivunt Materialiter se sibi contradicere [illegible] enim supponit [illegible] mixtum indifferenter passive et active. Materia autem [illegible] est [illegible] [illegible] [illegible] philosophia [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] Deum providentissimum, spiritualem demonstravimus [illegible] [illegible] [illegible] secundum revelationem [illegible] superat naturales [illegible] [illegible] tandem [illegible] [illegible] annis scholasticus studia et labores nam et quidquid sumus a Deo agnoscamus et quidquid volumus per Deum [illegible] [illegible] [illegible] Deo debeamus ut quidquid agimus in Dei [illegible] agamus ipsum [illegible] cum laudemus et potentissimum veneremur summe bonus amemus prout [illegible] naturali [illegible] [illegible] et hinc tandem concludam quam insipientes sint et [illegible] quorum nostrorum temporum [illegible] qui ut vulgo dicitur [illegible] [illegible] [illegible] quique [illegible] naturalis et [illegible] Metaphysicae [illegible] [illegible]. Respicite itaque Deum [illegible] [illegible], nec vos [illegible] [illegible] ita [illegible] ut cum illis in [illegible] [illegible] [illegible] [illegible] quod [illegible] contingit [illegible] [illegible] tamquam [illegible] [illegible] [illegible] [illegible] qui [illegible] credunt atque recantur

De existentia Angelorum

[illegible] [illegible] [illegible] Theosu [illegible] [illegible] servimus nostra ura videtur ut aliquis de Angelis [illegible] quidem maiestas Dei [illegible] res non est incorporea [illegible] quam maxime [illegible] itaque [illegible] ministros [illegible] eosdem frequenter [illegible] non [illegible] naturalia non constat [illegible] natura [illegible] aut nunc [illegible] existen[illegible] [illegible] Cum enim [illegible] efficientissimus et [illegible] nunc est etiam antequam Angelos crearet [illegible] evidens non est cur Angeli esse debeant [illegible] contingens existit quidem nobis necessitatem [illegible] conservatoris [illegible] vero [illegible] conditoris ministerium [illegible] summa Dei sapientia atque potentia infinita [illegible] omnia [illegible] nos docere videtur [illegible] indigent ministerio [illegible] cum et [illegible] sit Angelos existere summi numinis ministros [illegible] unquam [illegible] [illegible] [illegible] signum [illegible] ex eo[illegible] creatione [illegible] Dei bonitas [illegible] itaque rationem ex morali [illegible] et convenientia [illegible] Angeli existunt et existere [illegible] nobis [illegible]

Quae sit autem Angelorum natura [illegible] a philosophis et theologis [illegible] Conveniunt vero omnes [illegible] ab omni corpore secretos [illegible] qui animam humanam [illegible] non sit ordinatus [illegible] [illegible] nec [illegible] unquam valeat anima humana [illegible] [illegible] et [illegible] animatus [illegible]

[illegible] nec enim ullus esse locorum nec loca omnia pervadere posse: citissime prout aera [illegible] [illegible] [illegible] sunt nimirum motus expertes et solidi. Varii vero sunt ordines [illegible] Angelicus Doctor Angelorum species [illegible] precellunt aliis virtute et [illegible] Hinc varios esse Angelorum choros [illegible] Ecclesia et pro diversis choris diversa juxta convenientem virtutem eisdem [illegible] officia [illegible] ministeria. De Angelorum creatione multa [illegible] quemadmodum infinitas [illegible] eorum numero faciant questiones sed satis superque nobis qui ad [illegible] majora vocamur, erit prout [illegible] rationem [illegible] [illegible] Angelos existere reliquum [illegible] [illegible] Theologis ad [illegible] ubertissime relinquendo nec enim [illegible] [illegible] Theologicis versamur questionibus qui vix [illegible] Philosophico [illegible] Philosophiæ [illegible].

De Anima Humana

Quamquam lumine rationis naturalis non [illegible] [illegible] [illegible] sed [illegible] tantum [illegible] anterioribus [illegible] secerne naturam animam [illegible] qua corpus moderatur et [illegible] apertissime patet, siquidem [illegible] operationibus patet principium a corpore distinctum in homine [illegible] cum a corpore non possint ea omnia [illegible] que in homine contingunt [illegible] ab ipso fiunt. [illegible] in nobis [illegible] et liberas [illegible] [illegible] [illegible] actiones alicui [illegible] sive substantiæ inherere [illegible] in qua recipiantur et a qua [illegible] nec enim modi per se subsistere possunt, cum sint [illegible] atque limitationes [illegible] [illegible] [illegible] in homine in substantia per se [illegible], et [illegible] [illegible] [illegible]

Sicut a nobis [illegible] videatur probavimus [illegible] ratiocinio nostr-
[illegible] liberam vel [illegible] atque cogitationem et voluntatem [illegible] [illegible]
cipium a corpore omnino distinctum quo peracto patebit animam
nobis esse spiritum [illegible] et immortalem ex qua demonstra-
tione dogma firmabitur primarium religionis quo homines [illegible]
vel metu futurae vitae ad bene vivendum [illegible] ducuntur [illegible]
[illegible] innocentius [illegible] nulla foret religio [illegible]
[illegible]. Contendimus igitur [illegible] in hac [illegible]
[illegible] sumus et [illegible] natura animi nostri [illegible] diversi [illegible]
[illegible] ad examen [illegible]
[illegible] atque [illegible] in materia [illegible]
[illegible] argumentis ut nulla inde
supersit perhabita demonstratione adversus spiritualem et incor-
poream animi [illegible] naturam [illegible]

[illegible] uti summa capita [illegible] philosophorum opi-
niones de animi natura [illegible] Una enim est qui mentem
a corporea substantia nullatenus diversam [illegible] quae
ipsam a corporea substantia penitus distinctam [illegible]
[illegible] Prima [illegible] communis [illegible]
materialistae eos in sui nomen vocare conantur. [illegible] est
Patrem Gersilium [illegible] et immortali-
tate vetustissimorum sententias examinat; nec enim [illegible] animam
[illegible] energiam principium cogitans dixere aliquid corporeum
sibi suaserunt sed hominis animationem [illegible] func-
tiones per ea nomina intellexerunt, [illegible] vocabulo animae [illegible]
[illegible] humani [illegible] exercitium [illegible] nomine res [illegible]
vationem [illegible] energiae voce sanguinis et spirituum animali-
um corporisque vegetationem usurparent quae omnia si corporea

dixere recte [illegible]. Quaestio vero apud veteres [illegible] que
ut [illegible], quam [illegible] natura [illegible] ex variis [illegible]
quaestionibus [illegible] diversas [illegible] sententias [illegible] qui
[illegible] naturam [illegible] Qui vero
[illegible] opinionem [illegible] veteres fuerunt inter anti-
[illegible] Demosthenes [illegible] Dicearcus. recentiores inter [illegible]
[illegible]
[illegible] corpus [illegible]
[illegible] sicut [illegible]
[illegible]
[illegible] qua corpus ad me-
[illegible] ex[illegible] sub [illegible] recentioribus
[illegible]
[illegible] in [illegible]
[illegible] in universo [illegible]
[illegible] moventem [illegible] indicavimus
[illegible]
[illegible]
[illegible]
[illegible]
quin [illegible] sit [illegible]
[illegible] posita [illegible] cum [illegible]
[illegible]
[illegible] qui-
[illegible]
[illegible] utrumque [illegible]
[illegible] demonstratione [illegible] adversus illos
[illegible].

Et ut ordine progrediatur demonstratio sit in [illegible]

Expositio

Homo cogitat

[illegible] cogitare [illegible] conscientia [illegible] sicuti hæc altera [illegible] intimus enim sensu et experientia docent nos objecta [illegible] [illegible] Cartesius, ipse qui de omnibus dubitandum esse judicavit non [illegible] admisit tamen [illegible] fundamentum omnium veritatum cui [illegible] ego cogito et ita hoc certum putavit ut in dubium potius vocanda sit propria existentia quam cogitatio [illegible] cogitatio enim deducit realitatem existentiæ adeo ut non [illegible] cogitatione nulla sit nexu [illegible] potuit [illegible] nis existentia unde [illegible] tanum est [illegible] Cartesianos [illegible] effatum ego cogito ergo sum. [illegible] igitur negandum est nos esse [illegible]

Propositio

[illegible] cogitatio est [illegible]

Intimus sensus et experientia nos docet nos complecti et resolvere cogitationes nostras quando et quomodocumque volumus nec est quod ab objectis determinemur ad earum [illegible] nam [illegible] ex sola animi voluntate [illegible] absentibus etiam cogitamus et seriem cogitationum interrumpimus [illegible] cogitationem [illegible] [illegible] in parsuum [illegible] cot determinari a se requit [illegible] actione cessare nisi [illegible] in suis cogitationibus potissimum in [illegible] et [illegible] non requit [illegible] infra demonstravimus [illegible] sermo [illegible] natura cogitationis cum natura proprietatum corporis

Propositio

[illegible] actionibus

[illegible] duas quæstiones [illegible] [illegible] quæ in [illegible] et in tractatu de Deo [illegible] [illegible] libertat. [illegible] [illegible] proprietatibus, et quæ notavimus [illegible] et [illegible] necessitatis libertas itaque per se [illegible] et [illegible] sumpta est mentis [illegible] quæ ex [illegible] boni vel mali [illegible] nec invito [illegible] voluntate [illegible] [illegible] quibusdam coercetur limitibus nam [illegible] sunt quæ inviti [illegible] etiam [illegible] sunt [illegible] et naturæ [illegible] sed id non adversatur veræ libertati in homine sufficit enim [illegible] potentia operandi quo usque vires [illegible] [illegible]. Cum autem natura humana [illegible] [illegible] sit et imperfecta imperfecta quoque esse debet in suis attributis et operationibus, adeoque [illegible] libertatis exercitium [illegible] [illegible] [illegible] imperfecta.

[illegible] est libertate a [illegible] [illegible] [illegible] ad actionem [illegible] est in [illegible] necessitate naturæ [illegible] libertas in hoc stat [illegible] nec [illegible] [illegible] absolute [illegible] prout [illegible] [illegible] tantum [illegible] in homine est electio [illegible] [illegible] [illegible] est in homine [illegible] [illegible] indifferentia [illegible] [illegible] necessitate naturæ [illegible] creaturæ humanæ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] etiam [illegible] [illegible] contrarietatis et contradictionis [illegible] ut annotat [illegible] [illegible] indifferentiæ [illegible] [illegible] [illegible]

[illegible] motiva sunt perceptionis boni vel mali sive bona vel mala obj-
ectiva potest autem quod repraesentatur earum [illegible] nostrum
t quod malum existatur [illegible] bonum et [illegible] experientia [illegible]
[illegible] ex [illegible] nobis propositionis ~~[illegible]~~ [illegible] libertatem in-
differentiae [illegible] nostrorum
[illegible] non sit cum nullum [illegible] in natura creatum [illegible]
bonum aut summum malum deum etiam [illegible] unum eligere possumus
[illegible] et [illegible] et bonum [illegible] possumus.

Homo igitur in suis actionibus [illegible] easque naturales consuetudinis
[illegible] sunt [illegible] rationibus liber est tum a [illegible] natura
tum a coactione et necessitate [illegible] utitur ratione
utitur et si illud amplectitur [illegible] amplectitur [illegible] voluerit et [illegible]
velit liberum autem esse hominem a coactione [illegible]
[illegible] eadem eligit quae sibi proposuit [illegible] homo ambulat sponte [illegible]
[illegible] a deambulatione [illegible] si non vult non agit [illegible]
[illegible] actum [illegible] et [illegible]
cogitationes easque dirigit ad quod tendit tanquam ad [illegible]
sibi finem

Non [illegible] quamvisque hominem [illegible]
[illegible] non destruit in homine [illegible]
[illegible] enim tum [illegible] tantum [illegible] exercitium et ita
[illegible] sublato impedimento in potestate adhuc hominis sit [illegible] quae
etiam [illegible] nam [illegible] necessario [illegible]
[illegible] actum [illegible] contrarium
se determinare [illegible] ministris exercitii [illegible] ut
sunt membra corporis potuit statim oppositum agere. Hinc coactus necessario
[illegible] non [illegible] omnino
non [illegible] non agit ex sui ratione [illegible]

memori[illegible] ad na[illegible] con[illegible]um et [illegible] magis unum alterius [illegible]
[illegible] et im[illegible] [illegible] per utrumque

[illegible] est homo in suis actionibus et nulla iis [illegible] extrinse[illegible] [illegible] ratione [illegible] per propriam potentiam [illegible] [illegible] ad unam potius quam alterum movet [illegible] ex sola [illegible] [illegible] exercitio [illegible] [illegible] [illegible] ex quo [illegible] [illegible] [illegible] ova penitus similia ita ut unum non [illegible] ab altero et homo [illegible] [illegible] unum ovorum pro altero, [illegible] ratio [illegible] cur homo determinantur [illegible] [illegible] unum ovorum [illegible] [illegible] [illegible] similiter [illegible]. [illegible] utrumque ovorum hominis [illegible] voluntatem. [illegible] [illegible] igitur movet [illegible] [illegible] [illegible] [illegible] ovorum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] per [illegible] [illegible] in natura [illegible] [illegible] nos in quamcumque nostra actione [illegible] extrinseco [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nec semper in humanis actionibus [illegible].

[illegible] homo [illegible] quantum [illegible] est [illegible] [illegible] agen[illegible] [illegible] [illegible] non agendum [illegible] experientia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] hominem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] voluntate. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] propositis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] homo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] et excitare novas imaginationes et ex aliis illas componere ad arbitrium

(19)

[illegible] in quibusdam [illegible] actionibus notandum [illegible] est alias esse in homine actiones seu functiones naturales quae a mechanismo corporis [illegible] animo et distinguuntur illas [illegible] [illegible] itaque non est homo in motibus mechanicis sui corporis [illegible] circulatio sanguinis et alia in venas quae animati [illegible] consequentes effectus, sed ea non destruit in homine libertatem quae tantum spontaneas respicit, et indifferentes actiones [illegible] necessarias [illegible] [illegible] habet in ipsum et in eam facultatem, homo potest enim si vult et quando vult et [illegible] res, oculos aperire, oscitare [illegible] manum et [illegible] [illegible] versare atque disjungere. Est itaque homo etiam [illegible] sensibus et corpore liber [illegible] sensibus non [illegible] potest tamen eorum exercitium aliquo modo suspendere [illegible] [illegible]

[illegible] homo [illegible] in bonum [illegible] bonum et illud [illegible] libertas [illegible] in [illegible] objectum [illegible] non solum [illegible] sed etiam [illegible] homo [illegible] in bonum [illegible] in bonum [illegible] libertas in homine [illegible] bonum [illegible] bonum [illegible] adeoque appetat quidquid [illegible]

consider[illegible] ipsam [illegible] semper procedit habet bonum [illegible] hominis [illegible] a malo quod aversatur [illegible] naturaliter [illegible] appetitus [illegible] ad unum determinate bonum in singulari objecto [illegible] ad conservationem [illegible] bonum quibus [illegible] primarium proprium esse [illegible] neque neque summum ejus et bonum incorruptibile [illegible] natura [illegible] serie bonorum [illegible] objective [illegible] utrique [illegible] quomages bonum sibi [illegible] naturalia enim bona [illegible] infinita [illegible] majora [illegible] et [illegible] autem bono [illegible] sit [illegible] et unum [illegible] nunquam bonum [illegible] [illegible] placeat [illegible] ex [illegible] hominem [illegible] acquiescere [illegible] summo [illegible] sufficiat ad [illegible] conservationem [illegible] quae natura suppeditat [illegible] ratio [illegible] in homine

[illegible] actiones fato [illegible] nam omnes determinatae sunt [illegible] quantum a providentia dei: homo non habet potestatem circa ipsas.

Respondeo [illegible] huic difficultati [illegible] [illegible] respondimus in articulo de futuris contingentibus satis superque [illegible] determinatas esse hominis actiones [illegible] a Deo hominis determinatione non [illegible] humanum liberum arbitrium [illegible] loquamur universaliter [illegible] praedeterminatas vidit [illegible] nulla contra pro Fatalistis allata difficultas.

Ac

... homo non potest non velle ... dum ... proli-
ber non est ad operandum.

... Dum dicitur hominem liberum esse ... ipsum ...
... contra suam naturam, quae ut principio activo donata in
actione aliqua semper esse debet, sed ... altera ... potius quam
... velle et operari semper teneatur homo liber
tamen est in exercitio ... potest, potius ... quam
illud velle et agere ... difficultas nobis favet ... si
teneatur semper aliquid velle et operari probatur ... eundem ...
non esse natura sua hominem sed facultate in ... et
... quae nobis ... determinan-
... determinandum.

... cum ... quidquid homo agit agit ... quem finem.
ergo in suis operationibus sponte non agit sed ... et
quodam motivo sufficienti ... semper ... determinatus ad
illud quod operatur.

... aequivoca ...
est nos explicare si nomine finis ... motivi ...
... et spontaneam ... experientia ...
... sponte agit homo agit ...
... suam ... verum si nomine motivi
et finis intelligas ... necessario ... determinan-
... impellens ... ad agendum ... cognitionis ...
... nulla est
ratio extrinseca sed tantum ... exercita activa potentia
... itaque ... brutorum discrimen ... ratione
... sed quae sua sit non extrinsecus ... in
suis actionibus homo sponte agit.

[illegible] ... tamen ... [illegible]

[illegible] ... Providentia

[illegible]

[illegible]

et a rege que medium est ad eo [illegible]

[illegible]

um hominis [illegible]

[illegible]

sua libera potentia [illegible] perficiatur. Hec enim humana

[illegible] nec vacat [illegible] et a exercitium [illegible] at

ipsam potentiam qui supra [illegible] e divino concursu [illegible]

[illegible]

ipse

ƒ 318

[illegible]

divina præmotione agimus. [illegible]

[illegible] homo in iudicio cogitur [illegible] [illegible] proposita veritate vel [illegible] tate evidenter debet [illegible] [illegible] [illegible] ectui

Ergo [illegible] non est ad volendum et nolendum. Ut enim homo [illegible] debet suum iudicare de objecto ut bono et id nolit de objecto ut malo. Ergo necessario per iudicium vult aut non vult

Respondeo iudicium quidem necessarium [illegible] prout actum intellectus spectatum, non prout determinatum a voluntate movente intellectum. Potest enim homo si velit [illegible]

[illegible]

et venire immediate

[illegible] tamen mens voluntarie in illo [illegible]

[illegible]

[illegible] et velit [illegible]

[illegible] post iudicium mens [illegible] in [illegible] ut [illegible] [illegible] [illegible] potest [illegible] in [illegible] [illegible]

[illegible]

[illegible] non bene [illegible]

[illegible] non pas est [illegible]

non agendum [illegible]

[illegible]

[illegible] nomina necessitatis [illegible]

[illegible] testimoniis

vel patrum auctoritate que innuere viderentur [illegible]

[illegible]

[illegible] hominem [illegible]

de indifferentia et electione [illegible]

[illegible] actionis [illegible]

homine [illegible] natura [illegible] voluntatis [illegible]

[illegible] natura [illegible] hominis [illegible] mechanisme [illegible]

non [illegible] attentione [illegible] est

f. 3 du

actus humanus qui fit ab homine consulto operante, unde dis-
tinguitur ab actu hominis hinc ad actum liberum et volunta
rium requiritur cognitio et determinatio propria. hinc volunta-
rio actui opponuntur ignorantia et coactio hinc qui ignoranter
operatur et coacte non peccat. notandum tamen est ne ignoran-
tia sit crassa et afectata, crassa nempe quia adsunt media quibus
adhibitis repelleretur ignorantia afectata qua homo non
vult uti mediis ... sit ergo ne ignorantia ...
si quis in nostra Ecclesia ... nesciret fidei misteria crassa
peccaret ignorantia quia adsunt media quibus illis posset facili-
me erudiri sunt namque in Ecclesia preter verbum Dei docto-
res et ... ejusdem divini verbi promulgatores. afec-
tata peccaret ignorantia qui abhorreret a divina concione per
sacerdotes facta ne audiens ... et minas ...
operetur a peccato pariter notandum est ne coactos nos dicamus
quando per exortationem vel ... sermonem nostris inventem
... assentimus namque ad coactionem vera requiritur et
positiva violentia ita ut dum actu agit homo voluntarie et in-
vitus agat ita ut si ... ipse determinatus ... con-
trarium ... notanda sunt quia persepe comprehenditur alias ita
ignorantia cum impedimento voluntario cognitionis et coactio cum
humana infirmitate ... hominis respicit necessitatem intrin-
secam ... violentia respicit necessitatem extrinsecam ...
nus liber est a quacumque necessitate sive intrinseca seu
naturali sive extrinseca seu a coactione. necessitas naturae est
etiam quecumque inclinatio naturalis ut necessitas amandi bonum
in genere nec enim possumus per indiferentiam activam ...
bonum amare malum ... amare malum idem est ac ...

sui destructionem quod repugnat cujuscumque entis naturae. In ista tamen naturae necessitate homo immunis est a coactione nam non invitus et nemine cogente sed sponte et cum voluptate homo diligit bonum in genere, et bene sit. Sic Beati necessario amant Deum prout summum bonum [illegible] ab ipsis, sed tamen [illegible] sime et dum amant gaudent vehementissime. [illegible] Theologi docent eternam felicitatem sitam esse in [illegible]itione et amore summi boni. Liber igitur est homo vera libertate tum electionis, tum spontaneitatis. libertas electionis seu liberum arbitrium oritur ex vi electiva seu facultate eligendi unum pre alio. Spontaneitas oritur ex [illegible] state a coactione. Liber itaque a necessitate naturae [illegible] [illegible] per activam indiferentiam et liber a coactione per spontaneitatem. Sed indiferentia [illegible] distinguitur [illegible] contradictionis nempe ad agendum [illegible] non agendum et contrarietatis nempe ad agendum hoc vel illud hoc vel illo modo. Concludo tandem ad veram libertatem ad agendum requiri omnia requisita quibus in actu poni possit quod voluntas appetit nam si deficiant tunc nulla est libertas cum enim libertas sit actus exercitio [illegible] tis debet voluntas posse exercere suam libertatem nempe talem actum quem [illegible] et vult ut dicatur libera nec enim confundenda est voluntas cum libertate nam voluntas est principium actuum in homine agente libertas est positio [illegible] scilicet exercitium appetitus voluntatis. Possum enim plura velle quin in mea facultate sit ea agere vel obtinere sic nervis correptus vult si posset ambulare nec tamen sufficit nec voluntas sua [illegible] medits ad deambulandum.

Hec omnia dicta sunt ad genuinam verae libertatis notionem quibus bene attentis innumera solventur sofismata et pericula quae [illegible] nescunt adversus humanam libertatem [illegible]

F. 331

[illegible] tamen [illegible] [illegible] quam [illegible] [illegible]

[illegible] motivo [illegible] [illegible] ad agendum [illegible]

[illegible] mens numquam [illegible] [illegible] [illegible] tamen [illegible] [illegible]

[illegible] intellectum [illegible] [illegible] indicat [illegible]

[illegible] prout vult [illegible] [illegible] voluit attendere [illegible]

[illegible] quibus [illegible] [illegible] contrarium [illegible] [illegible]

[illegible] tamen [illegible]

[illegible] animus [illegible] [illegible] enim [illegible] in utraque [illegible] enim [illegible] ut [illegible] unum ex [illegible] dicet [illegible]

sibi comparat cum [illegible] posit, nisi utraque [illegible] [illegible]
utraque amplecti [illegible] velle aut nolle in propositione [illegible] duo-
rum objectorum aequalium [illegible] [illegible] aspicere utraque si in bonu
moveatur vehementer ne utraque amplecti cum [illegible] [illegible]
[illegible] tamen volumus aliquando etiam [illegible] [illegible] et aliquando
etiam respuimus quia [illegible] [illegible] cumque ~~[illegible]~~ exhibita bona
sed minus [illegible] majori [illegible] quia [illegible] consideramus non ut minus
bonum sed ut nobis sufficiens, respuimus vero quaecumque exhibita [illegible]
quia ut nostrae conservationi non necessaria judicamus vel [illegible] nolumus
alterum illis [illegible] ut voluntatis gratia nos [illegible]

[illegible] est quod dicas nos aliquando [illegible] melioribus deteriora [illegible]
[illegible] [illegible] video meliora proboque deteriora sequor et in hoc casu
nullam [illegible] posse rationem electionis intrinsecam cum intrinsecus
[illegible] in bonum. [illegible] nos sequimur deteriora seu mala aut minus
bona judicio practico non judicio ultimo speculativo [illegible] [illegible]
[illegible] est illud quod fit attenta experientia et proprio appetitu sensitivo
[illegible] circumstantiis specialibus tum in se tum relate ad statum nostrum
praesentem quibus [illegible] causis fit ut judicemus deteriora quamquam me-
lius videamus nobis commodius aut jucundius. [illegible] quis videt [illegible] consu-
[illegible] non [illegible] [illegible] a tali consuetudine et societate, sed cum ex
tali consuetudine et societate consultum videat suae sorti vel [illegible]
[illegible], mavult sibi satisfacere et suae sorti praesenti [illegible] [illegible]
[illegible] in futurum amittendo [illegible] vero [illegible] [illegible] quod
remotis quibuscumque quae possent bonum [illegible] vero [illegible]
intrinsece consistit [illegible] bo[illegible]. Cum igitur videns meliora
deteriora sequitur homo ratione [illegible] [illegible] [illegible] [illegible]
[illegible] ad aliquam circumstantiam vel ad [illegible] praesentem [illegible]
[illegible] igitur semper [illegible] aut intrinseco [illegible] [illegible] agit homo.

... et tandem nec [illegible] voluntatem non se ipsam absolute determinare [illegible] determinari ab intellectu motivis ab ipso propositis, nam cum homo non possit operari [illegible] nisi mediis utrisque potentiis intellectu [illegible] et cum [illegible] sit facultas per [illegible] debet prius homo [illegible] quod velit et [illegible] [illegible] ab intellectu [illegible] ut potentia caeca non prout potentia libera uno verbo [illegible] et aiunt scholae non formaliter quatenus radix liberi arbitrij est in intellectu forma vero in voluntate quia intellectus [illegible] bona [illegible] vero ea amplectitur vel ab illis abstinet vel unum prae aliis sub uno vel altero modo prout [illegible] eligit. ergo.

[illegible] materiae [illegible] utrum materiae [illegible] utrum [illegible] conveniat vis activa.

[illegible] materiae venit [illegible] substantia quae sub sensibus [illegible] [illegible] notandum est materiam [illegible] [illegible] [illegible] in [illegible] intelligere substantiam illam quae communis est omnibus corporibus [illegible] nominare [illegible] intelligere materiam sub [illegible] naturali composito in determinata extensione figura et sub [illegible] constituta specifica coalescentem [illegible]

Materiei attributum esse extensionem [illegible] naturae [illegible] patet [illegible] materiam semper [illegible] extensione sive majori sive minori concipimus et [illegible] idea extensionis tollitur idea materiae et [illegible] materia [illegible] [illegible] in [illegible] [illegible] materia constat [illegible]

... res ... composita sed non potest haberi divisi-
bilitas et compositio nisi ... extensio neque enim distingui
potest una pars ab altera et separari nisi partes sint extra
partes nec componi partes cum partibus nisi partes superaddan-
tur et iungantur partibus ... materia est reapse extensa.
Non facimus hic quaestionem utrum extensio sit materiae essentia
aut tantum essentiale attributum ... hoc loco demonstrare
conceptum materiae ... necessario extensionem unde Philo-
sophantes ex ideis quas habemus ... cogitationi conveniat
... sit extensio et an in eodem subjecto possint esse proprietates
illae simul constituentes ... extensio et cogitatio

Materiam solidam esse et impenetrabilem patet et colligitur
ex ipso extensionis attributo ... enim partes sunt extra partes
ergo non compenetrantur tunc enim essent partes in partibus ...
... unum corporis alteri resistere ne pro-
prium occupet locum et quidquid corpora non sint eiusdem so-
liditatis ... alia magis sunt tamen omnia impenetrabilia
et totum discrimen in hoc est quod corpora quaedam minoribus ...
vel minus adaptatis poris in quibus partes cedant ...
... maioribus et magis adaptatis donantur ...
... vacuis tamquam in spatio recedunt et cogantur partes corporis
... ad ... compressae, sed tam in saxo quam in mo...
... ita ut eo ingressu ... una pars
est non sit altera ... est quodcumque corpus ... ergo
... natura sua materia est impenetrabilis ... aeterni ...
ex sacra scriptura ex mysteriis ... videntur mate-
riam non esse essentialiter impenetrabilem et solidam, sed respon-
... uno verbo ... est immutatum ... naturae ...

na

f. 39.1

miraculose et supernaturaliter [illegible] operante [illegible] [illegible] spectare materiam in ordine suo naturali.

[illegible] Ex soliditate et extensione oritur in corpore figurabilitas et figura siquidem cum partes extendantur [illegible] partes et extendantur diversis modis iuxta occursum quem sibi invicem faciunt se sibi adiungentes in corporibus et cum qualiscumque extensio materiae [illegible] ponetur in specificis corporibus [illegible] intra certos fines continentur et [illegible] terminatis finitis partibus coalescat figuram aliquam in spatio quod circumscribit et occupat determinatim per determinatas suas [illegible] in ipso existentes induat necesse est. [illegible] figura materiei existenti sive quocumque modo [illegible] [illegible] vero secus unum non distingueretur ab alio corpore nec [illegible] [illegible] in rerum compagine [illegible] figura convenit necessario corpori

[illegible] Ex impenetrabilitate oritur in corpore resistentia ex tali resistentia oriuntur inertia et gravitas quae sunt materiei proprietates et experimentis innotuit et in physica patebit. inertia est vis qua corpus [illegible] natura sua proprium statum et [illegible] [illegible] ab illo deturbetur. [illegible] autem [illegible] naturae et [illegible] [illegible] [illegible] [illegible] nullum corpus ex se moveatur nisi ab externa causa [illegible] [illegible] determinetur ad motum cum vero inertia quod [illegible] est [illegible] [illegible] [illegible] tantum [illegible] [illegible] [illegible] motus [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] status in quo res est [illegible] sit [illegible] in motu posito [illegible] inertia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] semper in motu [illegible] [illegible] [illegible] [illegible] inertionem vim [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in rerum [illegible] sint [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] cogat. et motus in corporibus est in ratione [illegible] [illegible] corpus igitur natura sua non producit in se motum. [illegible] corpus est indifferens per se ad quemcumque motum [illegible] [illegible] passivum est

Ex inertia sequitur gravitas in corporibus [illegible] distinguenda omnino est ab [illegible] inertia [illegible] alii contendant inertiam et gravitatem unum idemque esse distinguenda [illegible] est quia inertia [illegible] [illegible] [illegible] quamcumque directionem gravitas vero secundum tantum directionem [illegible]. Gravitas itaque est vis in [illegible] corporibus qua singula ad centrum [illegible] [illegible] [illegible] vis [illegible] est ut satis [illegible] exercetur in materia secundum diversas distantias et secundum diversam [illegible] materiae quantitatem [illegible] [illegible] in [illegible] [illegible] [illegible] gravitatem [illegible] [illegible] [illegible]

[illegible] corporum proprietates [illegible] [illegible] [illegible] [illegible] natura et modus [illegible] [illegible] [illegible] cogitationis et libertatis in homine [illegible] constituendae [illegible] [illegible] ratio cum extensione.

[illegible] nostra resultat ex ideis tamquam [illegible] [illegible] resultat materiae partibus quae componuntur in mente partes materiae aggregantur in constitutione [illegible] positorum natura [illegible]

[illegible]

[illegible] est animal
animal est homo
Ergo Petrus est homo.

[illegible] est [illegible] coexistentia [illegible] cogitationis [illegible] ratiocinium [illegible] ratio [illegible] ergo [illegible]

[illegible] impenetrabilis quin imo cum ad rationum judicium, et ratiocinium requiritur necessari [illegible] variarum [illegible] cogitationi impenetrabilitas [illegible] uno intuitu [illegible] perceptione [illegible]

[illegible]

[illegible] ...ionum representatione [illegible]
[illegible] vivet [illegible]
[illegible] terram [illegible]
res, mare vivet variisque varia d[illegible]da coloribus! Non potest autem hoc con-
tinuo [illegible] et [illegible]
[illegible] tantum et primo intuitu [illegible] omnia [illegible]
[illegible] verum etiam cum [illegible]
[illegible] ex nobis [illegible]
[illegible]
[illegible]
[illegible] rationem [illegible]
[illegible]
[illegible] ex iisdem [illegible]
[illegible]
[illegible]
quin aliquo extrinseco motivo determinemur [illegible]
[illegible] determinatio ex se [illegible] causa
[illegible]
[illegible]
[illegible] consequitur [illegible]
diximus determinari [illegible]
[illegible]
[illegible]
[illegible]
[illegible] gravitas [illegible]
[illegible] inter se [illegible] necessario [illegible]
[illegible] quantitate materiae [illegible]
[illegible]

[illegible] ationum rationi et veritates plures ex iisdem ideis diversimode [illegible] gravitas sunt facultates contrario operantes [illegible] tandem non conveni[illegible] Ceterum quanquam homini [illegible] sint reapse in se non sunt tamen commensura-bilis cum ullo objecto in natura [illegible] in notione infiniti quam sibi [illegible] per negationem [illegible] rationis limites [illegible] [illegible] ita et plures in unum [illegible] ad unum motus ipsis [illegible] [illegible] ad unum motum sed versatur [illegible] [illegible] statu in quo est [illegible]

[illegible]tur [illegible], [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] gravitas [illegible] [illegible] [illegible] tamen ex [illegible] gravitas est [illegible] [illegible] tantum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est secundum quam [illegible] rationem [illegible] [illegible] [illegible] [illegible] [illegible] gravitas [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in objectum modo secundum modum sub altero modo et quandoque in objectum [illegible] [illegible] tendet non amplius tendat. Ergo gravitas quoque non convenit cum libertate [illegible] non convenit libertas cum extensione, [illegible] [illegible] [illegible] convenit cum [illegible], [illegible] non convenit [illegible] et gravitate [illegible] [illegible] convenit cum resistentia, et vero [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] verum non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] naturæ non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] resistit appetitibus [illegible] non resistit [illegible] [illegible] [illegible] est [illegible] [illegible] inclinat non [illegible] autem corpus non [illegible] [illegible] [illegible] [illegible] [illegible] corpori majoris [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nec cum [illegible] nec cum [illegible] [illegible] [illegible] gravitate [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nihil [illegible] [illegible] operando [illegible] [illegible] modus [illegible] attributorum corporis.

[illegible] igitur [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] non [illegible] materiæ [illegible] [illegible] [illegible] [illegible] [illegible] quæ sese [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] attributis [illegible] at [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quæ [illegible] [illegible] [illegible]

[illegible]

[illegible] cogitativa [illegible] a quocumque altero ente vita et sensu carente sic [illegible] considerum [illegible] in corpore [illegible] materiei et [illegible] materies [illegible] obscurantes [illegible] est optime [illegible] ex iis quae [illegible] cogitationem [illegible] proprietates [illegible] atque in homine [illegible] aliquid [illegible] esse omnino distinctum [illegible] nec [illegible] [illegible] Cogitationem autem et libertatem [illegible] in [illegible] meditationes [illegible] materia [illegible] ergo in homine est substantia [illegible] extensio et [illegible], altera cujus sunt [illegible] soliditas figurabilitas inertia et gravitas [illegible] in homine [illegible] materialis, altera immaterialis et incorporea [illegible] substantiarum [illegible] corpus [illegible] ergo et [illegible] est in homine [illegible] et spiritualis ergo in homine est anima spiritualis

[illegible] Propositio

[illegible]

[illegible] in homine [illegible]

[illegible] tiones et [illegible] [illegible] quod corpus est non [illegible] aliqua aliquid compositum et omne [illegible] ergo anima est spiritualis

[illegible]

is intrinsecis non potest perire.

Propositio

Anima seu principium operans in homine est natura sua immortalis

[illegible] non latet in se rationem [illegible] existentiæ [illegible] at ipsa existere vel non existere [illegible] et appetit [illegible]

in se principium corruptionis sed anima ex dictis utpote spiritus est incorporea [illegible]

[illegible] et immortalitate [illegible]

... Materialistas solida argumenta ...

futuram, tum nempe intrinsecus tum extrinsecus. Intrinseca numquam ...

... immorta ...

Anima ex Dei voluntate numquam
est interitura

non est tale desiderium, sed ut omnis ... providentibus suum habere

... um, nec in bonis istis vivere

[illegible] nostre [illegible]
habet [illegible] [illegible] semper [illegible] [illegible]
nostrum in [illegible] [illegible]
[illegible] [illegible]
[illegible] eterni boni [illegible] [illegible]
[illegible] animam nostram [illegible] supersitem [illegible]
[illegible]
[illegible]

[illegible]

[illegible] [illegible] [illegible] humano. Quamquam [illegible] iste celeberrimus [illegible] de anime tamen natura non recte sensit [illegible] enim solus anime immaterialitatem [illegible] [illegible] cogitationem [illegible] [illegible] Pater [illegible] qui [illegible] materialiste nomine [illegible] materia iste [illegible] enim [illegible] non [illegible] repugnantem materie cogitationem nec impossibile Deo [illegible] cogitationem materiei superaddi [illegible] de existentia principii in homine [illegible] a corpore distincti [illegible] examinabimus [illegible] momentum quo [illegible] repugnans conatur ostendere ex [illegible] materiei cogitatio [illegible] aliquid de aliquo [illegible] [illegible] quid sit [illegible] ejus natura et essentia [illegible] corporis ignota est essentia ergo nihil [illegible] asserere [illegible] proprietates essentiales [illegible] accidentales [illegible] corpori necessario conveniat [illegible] igitur [illegible] proprietates [illegible]

[illegible] cogitatione [illegible] non inde tamen recte concluseremus [illegible] tantum [illegible]. [illegible] materie nam a [illegible] videndum esset (quod [illegible]) [illegible] notae proprietates pertineant ad essentiam materiei nec ne. [illegible] ignota [illegible] sit essentia seu essentiale intelligi potest essentia conflatur ex [illegible] attributorum [illegible] igitur cognoscerentur essentialia tota [illegible] esset cognoscere essentiam. Cum igitur tota non cognoscatur essentia nec omnia cognoscuntur ejus attributa [illegible] igitur proprietates quae ignorantur erunt essentia [illegible] ignorantur enim quia non noscitur essentia et quae sunt notae erunt accidentales [illegible] ex notis corporis proprietatibus demonstratio sua [illegible] [illegible]

[illegible]

[illegible]

[illegible] ridiculum est dicere [illegible]

[illegible] mus [illegible] constitierem specialis rei [illegible]

[illegible]

[illegible]

[illegible]

[illegible] tale impossibile est corpus cogitare, et velle.

[illegible]

[illegible] substantiis [illegible] ut subsisterent simul ambæ substantiæ in eodem subiecto [illegible] et utriusque [illegible] [illegible] sine [illegible] sese [illegible] [illegible] neque utraque substantia quæ ex propriis [illegible]

[illegible] prætens Deum potuisse superaddere corpori [illegible] existenti, et ex propriis attributis subsistenti cogitationem et [illegible] quæ attributa [illegible] commune haberent cum extensione [illegible] idem enim est hoc dicere, ac asserere cogitationem, et [illegible] non [illegible] de corporis essentiam sed cogitatio et [illegible] [illegible] [illegible] constituta [illegible] non [illegible] divina virtute potest corpus cogitare et velle.

[illegible] est quod corpus indifferens sit natura sua ad quamcumque actionem suscipiendam [illegible] dicatur corpus indifferens etiam ad cogitandum [illegible] namque est corpus ad actionem quamcumque sibi [illegible] non autem ad actionem quæ ipsum destruat, eo enim [illegible] destruatur, aut destructum [illegible] nullam potest suscipere actionem cum subiectum actionum non sit nihil sed aliquid. Ergo [illegible] [illegible] [illegible] [illegible] est [illegible] non ad cogitationem [illegible] cum eius operationibus non [illegible] natura.

[illegible] superadderet corpori cogitationem [illegible] attributum aliud si corpus extensum [illegible] [illegible] in cogitans non esset corpus sed [illegible] [illegible] cogitans.

[illegible] concludo male a quibusdam fingi in homine [illegible] substantiam, nempe ex una parte constet [illegible] attributis ex altera [illegible] [illegible] enim substantia [illegible] in suis intrinsecis cogitans [illegible]

[illegible] nimirum [illegible] hominis [illegible] erit corporea mobilis nempe extensa figurata iners [illegible] pars erit incorporea in[illegible] [illegible] [illegible] nihil commune habere [illegible] si vero [illegible] est itemque [illegible] quod [illegible] materialem et [illegible] cum [illegible] duplicem esse in homine naturam materialem unam [illegible] immaterialem quod est quod nos [illegible] [illegible]

Verum [illegible] sententiae fautores et [illegible] nostras responsiones niti fundamento tamquam certo [illegible] cogitationem et [illegible] esse homini [illegible] [illegible] non [illegible] inquiunt [illegible] probari nequeat cogitationem [illegible] [illegible] probari poterit corpus cogitans [illegible] non [illegible] enim [illegible] [illegible] [illegible] cogitatio [illegible] [illegible] [illegible] [illegible] attributis tamen non destrueret naturam corporis [illegible] enim [illegible] [illegible] sunt nihil commune [illegible] cum necessaria subsistentia naturae et [illegible] cujus rei [illegible] itaque adversarii quid sit in homine cogitatio et vocant [illegible] utrum se habeat in ipso sicuti extensio [illegible] soliditas [illegible] habent in corpore ita ut sublata cogitatione [illegible] homo sicuti sublatis extensione [illegible] non [illegible] [illegible] igitur ratiocinantur si cogitatio [illegible] homini [illegible] [illegible] potest homo non cogitans, sicuti [illegible] [illegible] potest non extensum [illegible] homo non semper actu cogitet plura enim recenseri possunt tempora in quibus [illegible] cogitatione [illegible] tempore somni sic in utero [illegible] est enim tunc temporis tamquam tabula rasa [illegible] insculptum nihil [illegible] [illegible] [illegible]

me

[illegible] ad excitandas in mente [illegible] [illegible] tali tempore [illegible] [illegible] [illegible] quod somno experrecti non reminiscamur ullarum cogitationum in somno habitarum nec a [illegible] [illegible] [illegible] [illegible] in utero matris [illegible] [illegible] autem est nos tanto tempore versatos esse in continua [illegible] [illegible] nec aliquid recordemur [illegible] [illegible] actu semper non cogitat [illegible] cogitatio non est hominis essentialis [illegible] enim [illegible] [illegible] homo sicuti ut [illegible] in statuta [illegible] instant [illegible] [illegible] [illegible] extensione [illegible] [illegible] necessario [illegible] extensio [illegible] [illegible] convenit corpori. Nulla est itaque ratio [illegible] [illegible] [illegible] [illegible] convit fundamentum quo [illegible] Kiana impugnatur difficultas.

[illegible] [illegible] [illegible] [illegible] hominem a cogitationibus [illegible] sit [illegible]

[illegible]

vel diversæ sensationes

[illegible]

revolvendo nimirum ideas in propriis ves[illegible]

homo tempore somni [illegible] Recor[illegible]

[illegible] ideas quam [illegible] [illegible] excit[illegible]

[illegible] [illegible] [illegible] somnis [illegible]

[illegible] de [illegible] [illegible]

[illegible] instas [illegible] mens revolvens [illegible] in [illegible]

[illegible] [illegible] quen[illegible]

[illegible] [illegible] [illegible] et [illegible]

[illegible] vestigia et ideas suscitant [illegible] tempore

[illegible] spiritus animales [illegible]

omnino [illegible] etiam tempore somni [illegible] ani-

males [illegible] sunt [illegible] [illegible]

quantum dum dormimus quia per [illegible]

[illegible] in sensibus [illegible] spiritus

animales [illegible] sensoria ad [illegible] externis con-

tinue [illegible] spiritu [illegible]

ad sensationes deferendas

[illegible] ex oblivione deductum,

[illegible] enim ex quo non recordemur [illegible]

[illegible] reminiscitur [illegible]

[illegible] non [illegible]

[illegible] non recordamur [illegible] aut in

utero matris non [illegible] tamen nos tunc [illegible] non cogitan-

[illegible] cur non recordemur ideae [illegible] in somno

sunt [illegible] et

obscura vestigia [illegible]

[illegible]

[illegible]

con

conserventer et [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tatis obscuris [illegible] [illegible] et vestigia [illegible] [illegible] nonnulla [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] temporis somni [illegible] [illegible] [illegible] [illegible] somnum a [illegible] quod in [illegible] clare, viride [illegible] in somno [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tur itaque [illegible] [illegible] [illegible] non manent [illegible] [illegible] [illegible] in somno [illegible] et [illegible] [illegible] novis [illegible] rapiuntur et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] rapere [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quin aliquid [illegible] [illegible] nec enim est [illegible] [illegible] [illegible] non [illegible] [illegible] veterum et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in somno [illegible] [illegible] [illegible] [illegible] [illegible] omnesque et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] usque eo [illegible] [illegible] [illegible] [illegible] non [illegible] somnum [illegible] [illegible] [illegible] [illegible] non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] commoveatur sanguis. quae impediunt somnum, [illegible] [illegible] [illegible] spirituum animalium et leni sanguinis decursu [illegible] omnium [illegible] [illegible] [illegible] quia cogitemus singulis [illegible] [illegible] [illegible] [illegible] cum dormimus non cogitare, siquidem docet experientia dormientes [illegible] habere longissimas ratiocinationes, et notanda sunt quae somnambuli mirifica agunt ultimae sunt a [illegible] [illegible] [illegible] somniant [illegible] [illegible] [illegible] gravissime detineri somno et raro [illegible] dormiunt [illegible] [illegible] [illegible] [illegible] excitari, tunc enim

somniamus quando [illegible] in infinitum, ex [illegible] in [illegible] ... commotione [illegible] circa [illegible] [illegible] ... excitationem [illegible] notant [illegible] frequenter [illegible] quod [illegible] agitatum habent animum [illegible] rerum nemo est qui asserere possit se nunquam somniasse [illegible] [illegible] dormimus continuo. Et sane in somnio [illegible] non [illegible] [illegible] [illegible] externis et [illegible] sensibus [illegible] [illegible] et [illegible] sanguinis motus fit tardior, unde levissime ad cerebrum fiunt [illegible]versiones. Hae [illegible] somnium [illegible] [illegible] [illegible] ostendi [illegible]

[illegible] urgent [illegible] homo dum [illegible] [illegible] [illegible] personis unum [illegible] [illegible] [illegible] [illegible] cum ex [illegible] [illegible] non est [illegible] [illegible] quando dormimus [illegible] est persona [illegible] est [illegible] [illegible] homo [illegible] [illegible] [illegible] [illegible] homo persona [illegible] non [illegible]

[illegible] igitur [illegible] in somnio [illegible] [illegible] [illegible] [illegible] colligere primo quod consequitur [illegible] [illegible] [illegible] [illegible] conferunt [illegible] [illegible] argumentis

[illegible]

[illegible] um primum homo [illegible] cogitatione non valeamus est [illegible]

[illegible] causse [illegible] contrat [illegible] cum creatur ut diximus in [illegible]

[illegible]

[illegible] mur, ut mox diximus de tempore somni si [illegible] lucem [illegible] novis [illegible]

[illegible] um tamen [illegible] [illegible]

[illegible] interrumpitur in mente series [illegible]

[illegible] ut [illegible] sem

[illegible] sed [illegible] nequit [illegible] omni [illegible] modo [illegible]
mōda sit alterō sit aspectu [illegible]

[illegible] transeant [illegible] natura [illegible]
[illegible] demonstravimus [illegible]
[illegible] et intuitu super [illegible] igitur homo
[illegible] potentias [illegible] per interval[illegible]
[illegible] homo transit [illegible] una [illegible]
[illegible] majorem attentionem nec [illegible]
[illegible] novum objectum [illegible]
[illegible] antecedens [illegible]
[illegible]
[illegible] super [illegible] versatur
[illegible] vero [illegible] una ab altera non per statum incogitantiae, in
transitu unius [illegible] quod menti exhibetur
una differentia [illegible] intrinseca ex parte objectorum [illegible] ex parte
[illegible] idem. [illegible] enim est [illegible] et [illegible]
[illegible]

[illegible]

[illegible]

[illegible]

[illegible] una tantum [illegible]
[illegible]
est cogitatio.

[illegible] cogitationem [illegible] non ni[illegible]
[illegible] cogitat [illegible]

um

[illegible] [illegible] non [illegible] [illegible]
[illegible] maxime [illegible] et hoc etiam dicitur [illegible] rapti ab [illegible]
[illegible] non [illegible] [illegible] ex maxi-
ma [illegible] ex [illegible] [illegible] facta [illegible] animadverterem [illegible]
[illegible] [illegible]
[illegible] a somno [illegible]
[illegible] ut [illegible] [illegible]
[illegible] [illegible] status sit maxima [illegible]
[illegible] [illegible]
[illegible] omnia [illegible] [illegible]
antequam [illegible] [illegible] sed [illegible]
[illegible] non [illegible] animadversioni [illegible] cogitabamus
quando [illegible] [illegible]
[illegible] [illegible] non de omni
modo incogitantia [illegible] non videt [illegible]
[illegible] sensu [illegible] nullis [illegible] volumus non [illegible]
[illegible] sed etiam [illegible] [illegible] [illegible] etiam
[illegible] ut non [illegible]
[illegible] [illegible] a rebus omnibus
[illegible] forma [illegible]
[illegible] sive [illegible] sive [illegible] ex sensibus [illegible]
[illegible]
[illegible] non [illegible] necessaria est [illegible] mens
[illegible] tamen [illegible]
[illegible] sive [illegible] satis [illegible]
[illegible] in [illegible]
[illegible] etiam [illegible] semper in actu nam [illegible] solus intellectus
[illegible] homines [illegible] Præterea non sem-

sem-

[illegible] recordamur et tamen mens [illegible] [illegible]
recordans. Ergo licet per spiritualitas mens sit distantis a [illegible]
vere tamen [illegible] [illegible] semper actu cogitet. [illegible] argumen-
tum ex eo [illegible] quod vita hominis posita est in actione [illegible]
[illegible] hominis nunc [illegible] quam cogitatio sive [illegible] sit corporea
sive qualitas spiritualis [illegible] At vero [illegible] [illegible] nullo destitui
Ergo [illegible] ergo et homo cogitatione [illegible] inquit [illegible] [illegible] videmus [illegible]
[illegible] [illegible] per gradus [illegible] ita ut tandem [illegible]
[illegible] in perfecto [illegible] etiam [illegible]
[illegible] [illegible] paulatim et [illegible]
omnem [illegible] tum confuso omnis [illegible]
[illegible] somni [illegible] [illegible] ex[illegible]
rientia, cum in somno delabimur. Ergo [illegible]
tione cum contario [illegible] in homine sicuti motus ergo sicut corpus [illegible]
ad quietem [illegible] poterit ad incogitantiam. Tandem quod hae
[illegible]
nes autem sunt accidentales. Ergo non est essentialis [illegible]
[illegible] spiritualistarum exoli-
[illegible] corpore [illegible]
habere media ad cogitandum, ut nobis sensibus exspoliata nisi [illegible]
[illegible]
[illegible]
proposita [illegible] non sunt [illegible] responsio [illegible]
[illegible]
[illegible]
[illegible]
[illegible] ideas [illegible] ex ideis quas
habemus. Ideae autem quas habemus exhibent eam non in potentia [illegible]
seu

[illegible]

velle, et operari sequitur [illegible]

[illegible]

actionem subsistit. Cum idem sit vivere ex [illegible] nostris, ac agere dum [illegible]

[illegible]

[illegible] ostendit [illegible] quia nihil contra nos. [illegible]

[illegible] est [illegible] presentia, preterita et futura [illegible]

[illegible] homo est [illegible] solum [illegible] semper [illegible]

[illegible]

apur

[illegible] non distinguitur ab anima [illegible] ... potentia [illegible] ... actiones [illegible] ... in homine [illegible] ... potentia ab anima [illegible] ... beatus [illegible]

Quod attinet ad [illegible] mentis in homine [illegible] ... substantia [illegible] ... substantiae [illegible] ... memoria [illegible] est in [illegible] hominis ... [illegible] ... memoria [illegible] non est substantia in homine sed [illegible] ... memoriam et [illegible] ... rebus [illegible] ...

[illegible] s [illegible] onsideravemus ergo nulla veritas

[illegible] vero [illegible] motus est [illegible]

[illegible] cum etiam motum [illegible]

[illegible] translationem corporis de uno loco in alterum [illegible]

[illegible] motu intestino [illegible]

[illegible] substantiae [illegible] ratio [illegible]

[illegible] in [illegible] ut [illegible] attributum sive [illegible]

[illegible] motu extrinseco sive [illegible] in [illegible] positione magnum

est discrimen inter hanc [illegible] et inter cogitationem nam materia

[illegible] corpus sive in uno [illegible] sive in altero loco [illegible] motus [illegible]

[illegible] est nam [illegible] est [illegible] sive transferatur [illegible]

[illegible] alterum sive maneat in uno determinato loco situ [illegible] et

sit [illegible] quod sit extensum [illegible] et [illegible] quiescat seu moveatur

[illegible] hominis natura salva esse non potest sine cogitatione [illegible]

sit in substantia intelligenti unde [illegible] cogitatio [illegible]

[illegible] extensio et soliditas [illegible] corpus quia est [illegible] natu

[illegible] sua substantia extensa et solida [illegible] igitur [illegible] non potest in

extensione [illegible] potest [illegible] homo [illegible]

[illegible] corpus quia est [illegible] potest homo [illegible]

cogitationem quia cogitatio est [illegible] hominis [illegible] enim

[illegible] sive essentialiter [illegible] habet [illegible] res [illegible]

[illegible] cogitatione [illegible] videmus [illegible] esse [illegible]

[illegible] vero motus [illegible]

[illegible] vero [illegible] non [illegible]

[illegible] contrario excitetur [illegible] determina

[illegible] cogitatione cum motu corporum que cogitatione [illegible]

[illegible] sunt [illegible]

[illegible]

[illegible] ve perenna [illegible] in [illegible] novo exercitio [illegible] [illegible] [illegible] adversales hst outatio generice sumpta [illegible] est hominis sive oqiter de aro sive de altero ammoda [illegible] nemo [illegible] quid est sevetas motus um [illegible]

[illegible] patet responsio [illegible] [illegible] [illegible] [illegible] cum exercitio motus [illegible] est [illegible] [illegible] sanas [illegible] mo [illegible] modo [illegible] [illegible] verum est de [illegible] [illegible] cogitatione et [illegible] mens [illegible] a reflexione [illegible] [illegible] postea in somnum [illegible] [illegible] [illegible] est de omnimoda frequentia et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tationem [illegible] [illegible] [illegible]

[illegible] quomodo [illegible] [illegible] est [illegible] [illegible] [illegible] consideratur quibus [illegible] in [illegible] homo [illegible] de natura [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] non est [illegible] [illegible]

[illegible] atamen [illegible] generaliter [illegible]

[illegible]

[illegible] sistema.

[illegible]

[illegible] *ut hoc comprobent* [illegible] *satisfecimus* [illegible]

[illegible]

[illegible] *responsione* [illegible]

[illegible] *consequenti* [illegible]

ne-

[illegible] *tio nostra* [illegible]

[illegible] *inter se* [illegible]

[illegible]

intellectum et voluntatem [illegible] esse [illegible] diversum et sub[illegible] operandi modum e[illegible] hominis cogitantis. [illegible] est objectum amplecti in quo homo [illegible] justa suum arbitrium [illegible] est [illegible] [illegible] necessarium unum [illegible] quia non potest [illegible] potentia natura sua [illegible] potest [illegible] objectum [illegible] diversi sunt [illegible] non [illegible] quid existit simul et non existat nor [illegible] unum [illegible] alterum [illegible] cogitare [illegible] non [illegible] unum alterum [illegible] est paritas.........

60. Cum Materialistis [illegible] [illegible] crimen est quod [illegible] [illegible] est [illegible] motuum vires [illegible] sum [illegible]

[illegible] cogitationes autem [illegible] non [illegible] et [illegible]

[illegible] [illegible] est [illegible] in [illegible] et [illegible] [illegible] nisi retardetur ab alio corpore. Distinctiones autem [illegible] te [illegible] videntur in [illegible] ex hominis reflexione, [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] quum sunt necessario [illegible] sint, oportet in [illegible] considerare et [illegible] [illegible] vera et [illegible] [illegible] per motiones corporeas [illegible] [illegible]

[illegible] [illegible] [illegible] mecanismo [illegible] [illegible] per motiones corporeas [illegible] [illegible] [illegible] [illegible] quae est in homine [illegible] [illegible] [illegible] substantia corporis una [illegible] [illegible] [illegible] corpore et anima [illegible]

[illegible] [illegible] [illegible]

[illegible] animae [illegible]

[illegible] [illegible] et anima [illegible] [illegible] [illegible] [illegible] sub [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] animatur et [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] est quod [illegible] [illegible] [illegible] [illegible] et corpore resultat individuum humanum [illegible] [illegible] [illegible] cum altero et [illegible] in alterum

[illegible] anima et corpore [illegible]

[illegible] humano commercio non [illegible] animam et corpus [illegible] se [illegible] et naturæ [illegible] unam esse tantum substantiam

[illegible] juvat [illegible] animam substantia [illegible] physice [illegible] corpore [illegible] unitas [illegible] cedunt inter animam et corpus mutuæ actiones [illegible] quatenus [illegible] [illegible] unam in [illegible] substantia per [illegible] unitur [illegible] animam [illegible] quia [illegible] substantia [illegible] non quia una eadem que sit utrusque substantia [illegible] uno [illegible] generis [illegible]

[illegible] tandem quod nulla sit [illegible] inter spiritum et corpus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quatenus est in [illegible] modo [illegible] et [illegible] animæ [illegible] motus [illegible] [illegible] [illegible] naturæ [illegible] tantum [illegible] [illegible]

[illegible] est [illegible] quod corporis [illegible] actiones [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] corpore [illegible] [illegible] corpore [illegible] [illegible] [illegible] [illegible]

[illegible] corporis [illegible] [illegible] et [illegible] [illegible] est corpus [illegible] animæ [illegible] [illegible] crescente corpore [illegible] [illegible] sua munera [illegible]

[illegible] in [illegible] [illegible] est instrumentum nemo [illegible] [illegible] [illegible] vero [illegible] non minus [illegible] non potest [illegible] [illegible] videbatur [illegible] [illegible] et [illegible] [illegible] igitur [illegible] [illegible] est [illegible] corporis [illegible] minus [illegible] magis aptum [illegible] est humani [illegible] operationes [illegible] [illegible] in sua natura. [illegible] est [illegible] in [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] membra [illegible]

[illegible]

[illegible] movetur [illegible] corpus [illegible] in [illegible] est anima [illegible] corpus [illegible] in [illegible]

[illegible] Anima movetur [illegible] [illegible] anima [illegible] [illegible] [illegible] [illegible]

[illegible] anima [illegible] [illegible]

[illegible] cum corpore [illegible] sit con[illegible] [illegible] anima [illegible] virtute [illegible] spiritualis est ex quo [illegible] [illegible] rationo [illegible] se. ex quo [illegible] corporea non est [illegible] corporea [illegible] neque [illegible] [illegible] [illegible] [illegible] enim est [illegible] inter [illegible] [illegible] corporum [illegible] inter [illegible] et [illegible] [illegible]

[illegible] Maximum esse discrimen [illegible] enim que sunt ordinis superiori [illegible] in se [illegible] eorum que sunt [illegible] [illegible] spiritualis cum sit ordinis superioris [illegible] [illegible] que sunt [illegible] corporas [illegible]

[illegible] Ex sacris literis et sanctis Patribus dicitur anima hominis corporea. [illegible] enim [illegible] [illegible] animam [illegible] [illegible] sunt corporea.

[illegible] primam [illegible] corpoream a sacris literis [illegible] [illegible] [illegible] et vita [illegible] [illegible] sunt [illegible] dicitur [illegible] [illegible] [illegible] in [illegible] specialiter sunt [illegible] que respondent animi [illegible] sic Patres locuti sunt improprie et [illegible] [illegible] in corpus [illegible] in singulis [illegible] [illegible] omnes corporis motus [illegible] non est immensa [illegible] [illegible] circum[illegible] ut [illegible] [illegible] solo [illegible] [illegible] animi nostri natura [illegible]

[illegible] [illegible] adversus [illegible]

seu immortalitatem naturalem

animi nostri

[illegible] anima sit [illegible] [illegible] [illegible] et [illegible] animi affectiones sunt [illegible]

corruptibiles. pereunt enim.

Resp. Cum dicimus ... immortalitatem animas quia est non solum spiritualis ... spiritualis ... anima ... non per se substantia ... natura ... accidentales in substantia ... modo eadem ipsa manente potest mutari ... possunt mori non vero substantia ...

... habet natura sua immortalitatem. Ergo.

Resp. ... Deus ... immortalitatem ... est extrinsecam natura ... immortalitatem ... cum Deus non solum sit ... spiritus, sed etiam a nemine ... et sit ... non solum intrinsecus sed etiam extrinsecus est natura ... immortalis ... a se ... ab altero ... sicuti ... ita est ita ... natura sua ... spiritualis ... conservare ... natura sua ... extrinsecus ... ipsa immortalis

... intrinsecam anim... humani immortalitatem.

... demonstratur anim. hominis intrinsecam immortalitatem maxime ... argumentum ... maxime ... conversiones ... iustitiae ...

... mori ...

[illegible] sunt omnibus [illegible] communes [illegible] eorum in eterna beatitudine omnibus communis est [illegible] remuntur in [illegible] [illegible] [illegible] Prouensio autem eterne beatitudinis est [illegible] et uoluntas summi boni [illegible] [illegible]

[illegible] argumentum [illegible] [illegible] [illegible] argumentum [illegible] [illegible]

[illegible] Bona [illegible] [illegible] [illegible] non commouet [illegible] [illegible] non sunt omnibus communia [illegible] [illegible]

voluptate [illegible] [illegible] renam, sed æternam voluptatem

[illegible]

[illegible] vel pœna æternum respiciens ex parte objecti nempe Dei, qui cum sit [illegible]

[illegible]

[illegible] quod habet initium habet finem [illegible] et finem habiturum

[illegible] cum [illegible] sive [illegible] anime a corpore [illegible] maxime [illegible] [illegible]

[illegible] argumentum [illegible] [illegible]

[illegible]

Smelis! [illegible]

[illegible]

[illegible] rendet a deo cum ejus immortalitas [illegible] immortalis sit [illegible]

[illegible]

[illegible] ... animam suam cum errore ... [illegible]

... imprimis animam coextendi cum corpore ... [illegible] ... [illegible] ... [illegible] ... [illegible] ... [illegible]

[illegible]

De animae humanae origine

[illegible]

[illegible]

...fias. sit igitur

Propositio Prima

[illegible]

aut ejus attributa

[illegible]

[illegible] hominis [illegible]

[illegible]

[illegible] pos(i)to etiam per [illegible]

[illegible] quod anima unum [illegible] attributis [illegible]

[illegible]

[illegible]

nec pars ejusdem

[illegible] ex [illegible] una [illegible]

[illegible] non [illegible]

[illegible] in omni[illegible]

[illegible] nam [illegible]

[illegible]

con-

[illegible]

[illegible] si anima [illegible]

[illegible]

Propositio [illegible]

[illegible]

[illegible] in [illegible]

[illegible] est rasum. at vero nec traducitur [illegible] animae [illegible] nam cum [illegible] monstraverimus [illegible] prout [illegible]

Propositio Quarta

[illegible]

simul initio mundi condita est

[illegible]

[illegible]

[illegible] nostri [illegible] monstravimus [illegible]
[illegible] cum anima [illegible]
[illegible]
[illegible] autem [illegible] ancora [illegible]
[illegible] animant [illegible]
[illegible]
[illegible] medium [illegible]
[illegible]
[illegible] amus [illegible]

[illegible]

[illegible]

[illegible]

generantur hominis vitiata in

utero femine et apta

sunt organisatione

predita ad human

commercii mu

nis obeundo

[illegible] anima [illegible]
[illegible] non [illegible] a parentibus [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] ut vivificet corpus ipsum aptu
[illegible]

per-

[illegible] [illegible] in ipso corpore [illegible]

Propositio sexta

[illegible]

[illegible] non [illegible] [illegible] animus [illegible] [illegible] [illegible] anima [illegible] [illegible] ut vivant [illegible] [illegible] [illegible] ideo vero [illegible] [illegible] corpus. Ut [illegible] finem suum [illegible] [illegible] [illegible] [illegible] ut [illegible] hominem [illegible] cogitare [illegible] [illegible] [illegible] immediate in ipso corpore creatur vel [illegible] [illegible] [illegible] [illegible] medio corpore [illegible] [illegible] [illegible] immediate et successive [illegible] [illegible] [illegible] [illegible] [illegible] est organizationes ut [illegible] functiones [illegible] [illegible] sit aptum. Ergo.

Obiectiones [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] Ergo.

[illegible] Quaestio [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] non sunt [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] potest [illegible] anima [illegible] [illegible] [illegible] [illegible] divinae naturae, [illegible]

[illegible] [illegible] [illegible] [illegible] divinae naturae [illegible] [illegible] [illegible] [illegible] non [illegible]

... ... natura per unum actionem intellectus et rationis in homi... ... igitur facta est attributio ... homini non ... intra se unita est pars divini ... communicanda homini ... anima est pars Dei ... et participata divinae naturae ab ipsa Deo et homini communicata.

... est quod dicas Deum cum sit immensus manente se toto ... in diversis hominibus per partes, nam Deus non ita est immensus ut extendatur in diversis locis sed totus est in universo et totus in qualibet ... parte, adeoque totus Deus est in singulis hominibus ... singuli homines ... velle idem observari ... iisdem proprietatibus ... ... Deus in singulis hominibus est principium ...

Ergo

Objectiones adversus secundam propositionem

... Anima chinensis movet omnia sed omnia movet ... eorum ... singulorum subeundo actionis capacitatem ... anima humana in diversis hominibus ... secundum diversam eorum ... ... meditationem et ... diversis hominibus ... ... Ergo anima humana ... que singula permeat et movet

... jam refutavimus existentiam ... universalis animae ... ... diversa sed secundum ... ... naturam et operationem ... anima humana ... secundum ... nullatenus convenire ... cum cogitatione et ... hominis ... posito ... et ... in diversis hominibus eadem ... ... sed eadem non est nam ... et cogitandi non ... tamen ... et motus volenti ... co-

cogitari [illegible] ira exardescent de aliquo [illegible]
ira [illegible] beati respectus et eis loquendo. Ergo
[illegible]
[illegible] non posset cogitari [illegible]
originalis transgressio. Ergo
[illegible] originalis transgressionem [illegible]
[illegible] et [illegible] reum cum [illegible]
[illegible] imus [illegible]
[illegible] transgressionem originalis [illegible]
[illegible]
[illegible] in uno primo parente [illegible]
[illegible] parentis [illegible] universi humani generis voluntas et cum Deus damnaverit hominem [illegible]
[illegible] poenam et reatum omnes homines [illegible]
[illegible] peccatum fuit Adamo tantum [illegible]
[illegible] toti humano generi unde cum in [illegible]
[illegible]
[illegible] tum est Deo quemadmodum filii sui [illegible]
[illegible]
[illegible] efficiat unius parentis [illegible]
Haec sunt mysteria quae sola natura [illegible]
[illegible]
[illegible]
[illegible]
[illegible] nium in quo agitur de [illegible] non [illegible]
[illegible] sunt [illegible]
[illegible]
[illegible]

[illegible] parentum [illegible]

[illegible] parentibus [illegible]

[illegible]

Ergo [illegible]

[illegible] simili[illegible]

[illegible] inveniuntur animae [illegible] a parentibus [illegible]

[illegible]

[illegible] vel generans [illegible] informatione resultat homo.

[illegible]

[illegible] hominis ex modo dictis. Ergo

Conclusio [illegible]

[illegible] die septimo [illegible] omne [illegible] ergo etiam [illegible] animis [illegible] Ecclesiastici decimo octavo [illegible] creavit omnia simul

Cum

Respondeo. Deum quievisse a novis speciebus condendis non vero a condendis novis individuis. Ad hanc difficultatem jam diximus satis in physica. Quod vero spectat ad auctoritatem Ecclesiastis dico Deum qui vivit in aeternum fecisse omnia simul nempe uno momento rerum omnium genera et species condidisse.

Hoc est quod si crearentur animae novae adderentur substantiae adeoque Universum fieret perfectior nam incrementum individuorum conducit ad perfectionem augmentalem. Contra articulum de Platonis systemate.

Dices. Animae creantur ut informent corpora. Corpora sunt in die octavo. Ergo debent vivificari.

Respondeo. Corpora sunt sed non apta animae functionibus subeundis in die octavo. Ergo

Dices. Omnia quae fiunt in mundo fiunt per modificationem non per creationem nam ut inquit Cornelius nullum oritur elementum in ortu corporum. Ergo neque ulla simplex substantia quia nihil ex nihilo producitur.

Respondeo. In ortu corporum utique nullum oritur novum elementum quia corpora generantur ex seminibus materiae quae jam existit sed hic agitur de ortu hominis non de ortu corporis singulariter sumpti cum anima vero hominis producatur per creationem non per generationem mirum si ex nihilo producatur.

Dices. [illegible] unicus est ens unum. Ergo non debent successive crearentur animae. Ergo

Respondeo. Mundus est ens unum quatenus omnia entia in suo genere et specie conveniunt ad unum formandum Universum. Ad multiplicatio individuorum non aufert illud [illegible] unum repraesentat.

Dices. [illegible] omnia vivere animata sine speciali fecundatione. At tota differentia est quod [illegible] virtute hominis [illegible] transit anima

in uberiorem statum idearum. Ergo.
Resp. si hoc verum esset jam nulla esset generatio viverent namque homines sive in statu idearum confusarum sive in statu idearum [illegible]
Contra Initio Mundi tota substantia corporea est creata. Ergo etiam tota substantia spiritualis, Prob. enim primum quia substantia corporea est pars Mundi integralis, sed etiam substantia spiritualis est talis. Ergo
Resp. Maximum est discrimen nam corpora generantur silicet fiunt ex preexistente materia non autem anime que ex nihilo tum sui tum alterius immediate creantur. Ergo licet tota substantia corporea ad generanda corpora fuerit creata non tamen probatur creata omnis substantia spiritualis. Ergo.

De Homine
silicet de mutuo comercio inter animam et corpus.

Demonstravimus hominem resultare nec dum ex corpore sed etiam ex anima que agit in corpus hominis unde homo nihil aliud est quam mutuum comercium quarum operationum anime et corporis. Licentium nunc est quomodo fiat tale comercium. Gravissima hec est questio nec mea sententia adhuc explanata. Verum jubet eruditionis gratia systemata in hanc rem adornata exponere.

Disputant igitur accerime Philosophi Clarissimus Gotfredus Leibnitius illud explicat per armoniam prestabilitam cui [illegible] xus est Christianus Wolfius et [illegible] Bernar[illegible]
Explicat autem Leibnitius ita suum Sistema datur inquit series in anima perceptionum et volitionum, ita ut in perceptione consequenti et volitione sit ratio perceptionis et volitionis antecedentis. Ita pariter est series motuum in corpore ita ut in motu consequenti sit ratio sufficiens motus antecedentis. Cum ipsa seriem perceptionum in

in anima harmonice consentit cum serie motuum in corpore, ita ut ex anima et corpore fiat machina perfectissima. In hoc itaque systemate tria sunt spectanda: primum utrum habeatur nexus series perceptionum et appetitionum in anima; secundo utrum habeatur determinata series motuus in corpore; tertio utrum reapse respondeant et qua ratione conveniant perceptiones cum motionibus corporis [illegible]. Primum itaque [illegible] positum est juxta Leibnitium menti unicuique inditam esse totius universi ideam et immaginem, ita ut ipsa mens humana sit veluti speculum universi in quo res omnes exprimantur, adeout si omnes [illegible] mentis operationes perspiceret [illegible] videret quisque omnem mundi statum praesentem, praeteritum, futurum [illegible] [illegible] habent respectum [illegible] juxta Leibnitium omnis substantia sive corporea sive incorporea habet in se vim [illegible] qua [illegible] sui generis [illegible] seriatim [illegible] perceptionum et appetitionum seriem in anima [illegible] ita est [illegible] ut si sua [illegible] sibi [illegible] operatione [illegible] continuata serie suas perceptiones et appetitiones ita ut una perceptio consequatur ex altera, una volitio ex altera [illegible] ratio sufficiens subsequentis juxta Leibnitium [illegible] est [illegible] tum [illegible] [illegible] sit series [illegible] et determinata [illegible] motuu in corpore [illegible] [illegible] omnes suas motiones [illegible] posterioris motionis ratio sufficiens sit in [illegible] [illegible] corpus spectatur [illegible] [illegible] tertium [illegible] systematis [illegible] [illegible] consentiant [illegible] esse [illegible] itaque [illegible] sicut [illegible] omnigenia [illegible] sibi

universum valeat repraesentare, per concretam sibi universi imaginem convenienter ac motus in corporibus producti et in organis sensoriis ita sibi ut ea universi idea easdem subeat mutationes quas aspectabilis Mundus subit relate ad sensus nostros ita ut mens producat sibi ideam ex aspectu in immanem universi respondentem mutationi organis [illegible] utriusque substantiae actiones armonice per Leibnitium procedunt. [illegible] tem autem quae se [illegible] tum automatum spiritualis et corporei tum actionum utriusque consensus constitutionem vocat [illegible] Leibnitiani [illegible] ex praescientia et ordinatione Dei qui ita corpus composuit et animam aptavit ut in corpore mutationes motuum ex ordine consequerentur quo perceptiones et appetitiones in anima; vidit sicut Deus omnes mutationes quae successive futurae erant in corpore ex ordine rerum et causarum sunt enim in Deo. Ita, hinc tamen animam constituit ut successivo operaretur per vim sibi ipsi insitam eidem activam ut omnis successiva actio responderet omni motui corporis non secus ac Deus duo confecisset horologia quae sonitum alternarent [illegible]. Haec [illegible] consensio animae perceptionum et volitionum per praescientiam et ordinationem Dei contingens in homine vocatur a Leibnitio armonia praestabilita hoc est ingeniosissimum Leibnitii sistema de commercio humano, quod non ad animam solum et corpus sed ad universam naturam imo et naturam quoque [illegible] ut ex Theodicea abunde liquet. Simul nos [illegible] tantum armoniam praestabilitam [illegible] quam Leibnitius statuit inter animam et corpus [illegible]

Propositio Prima

Falsum est in anima esse perceptionum et volitionum series ut [illegible] semper sit in antecedente.

Probatur [illegible]

in praesente [illegible] [illegible] sed [illegible] aut [illegible] [illegible] transitu [illegible] obscura [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] videre[illegible] est unum perceptionem non [illegible] similiter [illegible] [illegible] [illegible] [illegible] [illegible] in praesenti perceptione.

[illegible] Bellinaenus in ideis claris et distinctis [illegible] [illegible] etiam [illegible] et confusas [illegible] [illegible] [illegible] dolorem sentio et utique doloris [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et certus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] molestiam [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] molestia susum.

[illegible] Bilfingero [illegible] in transitu [illegible] simile [illegible] [illegible] fenomenon et semper [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] inter [illegible] et [illegible] [illegible] nullam omnino [illegible] relationem [illegible] communionem [illegible] [illegible] [illegible] [illegible] series continuata nec unquam [illegible] [illegible] [illegible] si supponatur anima in statu idearum clararum semper in [illegible] [illegible] deberet si vero in statu confusarum semper in eodem nulla [illegible] [illegible] [illegible] quod contrarium est experientiae.

Obiec. Vis mentis [illegible] est [illegible] et repraesentandum universum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Resp. [illegible] [illegible] [illegible] determinari mentem unde mediate [illegible] sibi producere ideas non autem [illegible] [illegible] determinatam [illegible] [illegible] ex: gra: explodit quis noctu improviso [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] autem

[illegible] cum mente hominis determinare et [illegible] ex positione [illegible]

Patet igitur non tantum esse conexionem successivam idearum ut una contineatur in altera sine sufficiente ratione cum transitus habeatur ab ideis unius generis in ideas alterius [illegible] quidam [illegible] obscuritatem et finem unius [illegible] alterius juxta illud extrema [illegible] tus occupat [illegible] ab obscuris in claras a claris in obscuras progreditur [illegible] quia [illegible] claritate venit obscuritas [illegible] unitate [illegible] tum etiam hoc dato semper verum esset unam ideam non dependere ab altera sed [illegible] non esset ratio in praecedente sufficiens [illegible] ficeret et [illegible] quomodo ab obscuris iterum transit in claras mens nisi quia certe aliquid est quod tollit obscuritatem [illegible] sufficiens subsequentis ideae clarae non est in antecedente idea obscura sed in motive [illegible] tem a mente [illegible] in perceptionibus [illegible] de transitu [illegible] tatis [illegible] ideo namque extremum [illegible] color occupat [illegible] et omnino. Ut autem voluptas esset [illegible] ratio et [illegible] non esset [illegible] omnino ceterum [illegible] est [illegible] re summam voluntatem [illegible] et summus [illegible] esset [illegible] tas [illegible] igitur [illegible] summus [illegible] non est voluntas [illegible] esset summa voluptas in qua nihil sit [illegible] et [illegible] minimus voluptatis gradus [illegible] minimo [illegible] summa voluptas idest a summo dolore [illegible] igitur [illegible] sunt initium [illegible] quod [illegible] essent non [illegible] et [illegible] successio et continuatio. Ergo

[illegible] urgeat [illegible] claritatem esse aggregatum [illegible] perceptionum quarum quaelibet si esset [illegible] obscuritas et [illegible] obscuritatem esse aggregatum [illegible] quarum quaelibet si esset magna foret claritas [illegible]

444

~~[illegible] percepti~~ sensationum atque levissimarum quarum [illegible] aret sidibet magna et fortior foret [illegible] et vice versa [illegible] aggregatum [illegible] sensationum quarum [illegible] si [illegible] foret voluptas. Nam id quidem asserit Leibnitius non vero probat [illegible] sem per [illegible] esse [illegible] ideam modo [illegible] modo minus vividam et sensationem modo fortiorem levi[or]em modo nec reponat [illegible] ingenio voluntatem esse causam talium mutationum. Nam voluntas [illegible] [illegible] nos [illegible] intellectus non noverit [illegible] quo modo voluntas [illegible] a [illegible] refugit [illegible] est quod [illegible] vim esse in mente univers. [illegible] convenienter mutationibus in organis sensoriis [illegible] mentem praevidentem [illegible] mas. Nam si mens praevidet [illegible] ex [illegible] et sensatione videt etiam rationem [illegible] idea non est clara [illegible] idea obscura habet etiam cognitionem [illegible] eisdem. Caeterum [illegible] improvise [illegible] aut gravi afficitur sensatione ut [illegible] vulnera, et commovetur, et dolet quam praevisionem habuit [illegible] sine [illegible] praevidit vulnus quod si praevidisset effugisset. Falsum est [illegible] nos variatem omnem nostrarum perceptionum [illegible] ex [illegible] mentis universi repraesentativa aut ex [illegible] sive [illegible] ut inquit [illegible] mutationi perceptionem [illegible] [illegible]

Propositio [illegible]

Falsum est corpus humanum ita esse
comparatum ut vi sibi ingenita
et naturali sine ~~[illegible]~~ externa
causa omnes suos motus
producat serie continua
[illegible] ita ut semper

posterioris motionis ratio sufficiens sit
in motione praecedente.

Probatur [illegible] hujusmodi vis quae regit corpus per quam producuntur omnes motus independenter ab anima bruta est vel rationalis. Non bruta nam inanimata est; et otiose [illegible] vero rationalis. Ergo talis vis est a prima ipsa rationali. [illegible] corpus irrationale ex se sibi non producit motus. Ergo [illegible] motus omnes non sunt in corpore ita serie continuata producti ut unum ex altero [illegible] nam datur in motibus corporis contraria diversio. Ergo [illegible] juxta Leibnitianos ita produci debent ut ratio motus subsequentis sit in antecedente, [illegible] posito ex motu veloci non nisi velox, ex tardo non nisi tardus. Ergo cum res diversimode contingat dicendum est motus non ita [illegible] ut unum subsequatur ex [illegible] intrinseca [illegible] [illegible]

[illegible]

[illegible] [illegible] quae sunt opposita [illegible] ex se mutuo derivari [illegible] [illegible] Ergo tale non potest [illegible] omnes suos motus producat [illegible]

Obies. [illegible] quidem est sed non impossibilis [illegible] talis machina imo per [illegible]

Resp. Ex hoc non sit impossibilis non [illegible] talem [illegible] [illegible] Leibnitianos [illegible] [illegible] Leibnitiani [illegible] rationem [illegible] [illegible] motus [illegible] non [illegible] oppositi. Ergo.

[illegible] causas [illegible] [illegible] mentem [illegible] nam [illegible] [illegible] determinaretur

[illegible] construunt machinas [illegible] [illegible] motus nec tamen sunt [illegible] in homine motus esse oppositos [illegible]

[illegible] sapientissimus [illegible] machinam [illegible] Quamquam Deus sit sapientissimus [illegible] et non [illegible] autem [illegible] non [illegible]

Propositio [illegible]

[illegible] ma [illegible] humanam

libertatem circa motus corporis

Probatur [illegible] motus necessarii [illegible] motus [illegible] [illegible] sunt motus in [illegible] [illegible] non a [illegible] Ergo. Verum [illegible] in [illegible] omnis [illegible] [illegible] sunt motus necessarii non liberi. Ergo.

[illegible]

[illegible] necessarii animæ [illegible]

[illegible] corpus nostrum [illegible] ita [illegible] ut mechanica suo [illegible] produceret motus quod animam [illegible] præ[illegible] tamen hoc modo [illegible] est [illegible] in [illegible] motus. [illegible]

[illegible] est comparatum, ut volunt Leibnitiani, ut [illegible] mechanismi omnes suos [illegible] serie producere debeat [illegible] omnes [illegible] motus [illegible]

[illegible] anima [illegible] quæcumque sit [illegible]

[illegible] motus [illegible] determinatum [illegible] præscientia opponitur li[illegible] hæc est quod dicant adversarii licet in[illegible]

[illegible]

sunt [illegible] quam [illegible] non est homini [illegible] nulla enim [illegible] est nisi cum [illegible] actionis [illegible] indifferentia ad oppositum

[illegible] nam [illegible] non [illegible] enim [illegible] in [illegible] indifferentia ad oppositum. Ergo

[illegible] in quocumque sistemate [illegible] in quocumque [illegible] nam [illegible] sunt [illegible] sistema [illegible] cum [illegible] non [illegible] non [illegible] indifferentia [illegible] non [illegible] quia [illegible] non [illegible]

[illegible]

[illegible] omnino [illegible] argumenti vim quam [illegible] non [illegible] sunt [illegible] enim [illegible] est [illegible] sunt determinati ut [illegible] etiamsi anima non existeret. Ergo.

[illegible] motus [illegible] sint [illegible] modo sunt [illegible] libertatem non [illegible] esse a [illegible] natura [illegible] verum [illegible] in sistemate [illegible] hominem non esse vere liberum.

De Sistemate Causarum Occasionalium

[illegible] jam exposuimus in tractatu de ideis [illegible] in cerebris [illegible] quam [illegible] Malebranchius [illegible] in ex[illegible] [illegible] Malebranchius ex dato motu a Deo corporibus [illegible] consequi volitionem in Anima occasionaliter [illegible]

Propositio Prima

Sistema causarum occasionalium est Philosopho indignum.

Probatur. Est Philosopho indignum interrogati cur res ita sit respondere quia Deus [illegible] statuit. In Sistemate autem Malebranchii [illegible] ideo tales volitiones adveniunt Animæ, quia Deus statuit dato [illegible] motione talem enasci volitionem.

Hæc est quod Malebranchius inquirat optimum esse confugere ad Deum, quando nulla alia suppetit ratio explicandi comercium humanum. Nam licet nulla alia detur, et quæcumque sistema non

s[illegible]

su fuerant explicare comercium non inde vera reo: ... philosophica ratio. Potest enim alia ratio, quam hi adhuc non noverint, possibilissimum cum explorata non sit omnis rerum natura. Ergo Deitas non obest, Anima aut agere in corpus ... Malebranchium seu Deus immediate qui cata occasione talem produceret in Anima volitionem et eadem in corpore motionem, quod idem est ac spoliare hominem omni activa vi.

Objicies. Aut sustinendi Malebranchianum sistema aut negandus Dei concursus ad omnes hominis actiones. Sed non. Ergo ... Admisso concursu Dei sequitur Deum ipsum esse solam causam operationum corporis et Animae in homine, adeoque illas esse tantum causas occasionales.

Respondeo: [illegible] posito Dei concursu non [illegible] Malebranchianum sistema. Nec enim ille est causa [illegible] operationum creaturarum, sed tantum simultanea et primaria. Deus concurrit quatenus dat vim ad agendum [illegible] agendi, sed homo agit ... Ergo.

Propositio Secunda

Commercium humanum explicari nequit per causas occasionales, nisi tollatur humana libertas.

Probatur. Homo per Malebranchium est vi activa facultate destitutus, ... nec anima, nec corpus sunt causae naturales suarum operationum ... sine activa vi non datur libertas ... Ergo.

Contra. Chamblec [illegible] mens agitat activa et vult quia ... arctissime conjunctus ... in Deo intelligit quae videt.

Respondeo. Vel dum intelligit mens formas a Deo repraesentatas sese modificat et determinat ... [illegible] ... eum efficere quaque est in modificationibus et in determinationibus

motuum propriis nullam sibi tribuere modificationes quæ tamen cerebella Malebranchius, si secundum ergo mens nihil realiter agit sed passive tantum se habet, adeoque non est libera.

Nec urgeas Deum impellere corpus objecta in genere mentem vero specialiter se applicare pluribus objectis, nam si ad primaria se determinat mens independenter a Deo aliquid realiter agit quod non efficit Deus adeoque corruit Malebranchianum sistema.

De Sistemate influxus Phisici

Sistema Leibnitii et Malebranchii incongrua vidimus ad explicandum humanum commercium, videndum nunc est utrum influxus Physicus illud valeat explicare.

Dico itaque influxum Physicum sufficere dum si rite accipiatur nam per si summatur pro actione mutua ex statuo utroque virtualiter agente non si summatur pro actione aliqua Physice, ut veteres Philosophi putabant agente et mecanice ita ut aliquid transeat ex altera hominis parte in alteram per commercium humanum. Nomine itaque influxus Physici intelligitur realis actio inter animam et corpus quæ eminenti virtute et modo incomprehensibili. Talis influxus ita explicatus nullatenus repugnat, nec Malebranchius nec Leibnitius illud pugnare ostenderunt, nulla siquidem est repugnantia quod anima virtute sua determinet corpus ad agendum quod corpus mediis organis sensoriis repræsentet menti objecta, et mutationes in ipsis factas et ad talem repræsentationem mentem hæc sensa afficerat quatenus mens repræsentato objecto movetur ad illud agendum ex natura sua quæ tota est intelligentia. Si aliquod itaque sistema est admittendum ad commercium humanum admittendum est influxus Physici sistema modo adducta ratione explanatum, quamquam nec tale sistema satis sufficiens est ad apprehendum illud commercium, nam enim mentem influere in corpus Physice, sicut realiter et corpus in animam idem est ac dicere animam agere realiter in corpus et corpus in animam.

scilicet data tali volitione in anima talem succedere in corpore motionem et data tali motione in corpore talem enasci in mente volitionem, atque appetitionem, de hac mutua responsentia non est questio, bene vero de modo quo fiat, et quomodo inter duas potentias et naturas diversi generis habeatur, et qua ratione per simplicem voluntatem possit moveri corpus ab anima et quo pacto anima determinari a corpore ad percipiendum et sentiendum que in ipso contingat quorum nihil in sistemate influxus Phisici explicatur. Fateamur itaque nos adhuc ignorare modum et rationem comercii humani nec ulla ex inventis hucusque Philosophorum sistematibus apta esse ad illud explicandum. Surget fortasse ingeniosissimus aliquis Philosophus, qui explicabit, at nunc certe ignoratur. Quamquam non expecto talem futurum, cum nemo hominum terminos attingere possit omnes nature spiritus et nature corporis, nec relationes omnes, et modos omnes operandi talium diversarum naturarum actionum inverse conjunctarum. Et satius sit scire quod ad omnia suas creaturas et illarum virtutum agendi ipse qui illas creavit, et modum operandi omnes illis tribuit. Ergo Hec de Homine pro ut resultat ex anima et corpore et modo mutua utriusque actione intrinsecus operatur. Per tale comercium enascuntur in Homine sensationes, et affectiones. De sensationibus igitur aliqua dicamus.

De Humana Sensatione

Sensatio dupliciter accipitur, et prout est potentia in anima sentiendi et perceptio in anima et prout est comertio in corpore et mutatio in organis sensoriis facta per impulsum extrinseci agentis. Sentimus igitur cum oculis et auribus et naribus et lingua, et aliqua corporis parte afficimur. Videndum vero est quomodo transeat huius modi actio ita ut menti deferantur. Sciendum est itaque tria partium inservire sensationibus nervi spiritus animales et cerebrum. Machina corporea humana nervis et fibris construitur tota. Nervi sunt quidam canaliculi albi perforati qui ex

medulla oblongata per universam machinam evacuunt et determinantur duplici membrana tanguntur quarum extrinseca derivatur a dura matre intrinseca a pia matre cerebri et eorum substantia quam plurimis compositam nervis quasi ex filamentorum cilindricorum fasciculo ejusdem est naturae ac substantia cerebri medullaris paululo tantum solidior. Cerebrum vero est corporis humani substantia cranio contenta in duas partes divisa quarum anterior cerebrum dicitur posterior cerebellum quod sexties minus est cerebro et utraque pars membranis duabus involuta est quae a Graecis dicuntur Meninges a Latinis Matres quae intima magis et cerebro proxima est dicitur pia mater quia tenuis et mollis altera quae est supra piam matrem et extrinseca dicitur dura mater quia robustior. Duplicatur haec in vertice capitis et penetrans per medium dividit cerebrum in duas partes quae duplicatura cum referat similitudinem falcis messoriae appellatur falx vel septum lucidum. Dorsum vero per cranii suturas exeunte per epicranium constituitur pericranium tenuis membrana quae cranii os immediate induitur. Figura cerebri est sphaera globosa in duo veluti emisphaeria divisa et extima cerebri pars cinerea est coloris composita innumeris glandulis intima vero medullaris dicitur quia similis est medullae coloris albicantis et paulo solidior corticali substantia quae oritur ex minimis corticibus fibris et arteriis [illegible] tota fibrosa est et tubulosa. Quatuor in ea distinguuntur ventriculi duo anteriores dicti laterales cavitates duo posteriores inferiores. Hisce adjunctus [illegible] plexus autem choroides ex venis arteriisque contexta glandula media sive conarium quia cono similis quatuor protuberantiae [illegible] quem omnia continentur in tertio ventriculo. Quartus vero jacet inter [illegible] um et substantiam oblongatam medullam. Cerebellum inter occipitis sinus positum est partim cerebro subjicitur partim duplicatura durae matris ex parte [illegible] est medulla oblongata [illegible] processus nervi est [illegible] magnum [illegible]

Foramen deducta tota medullaris sed tamen solidior substantia cerebri et cerebelli et tegitur membranaceus sive membranis cujus nomine et medulla spinalis quae ex cranio deducta recipitur in fistula spinae sive vertebrarum colli dorsi et lumborum usque ad os sacrum. Per nervos vero intus concavos decurrunt spiritus animales qui nihil aliud sunt quam purioris sanguinis pars qui summa celeritate irradiantes nervos deferendis commotionibus factis in ipsis ad cerebrum inserviunt. Licet cum organa quaeque sensoria nervis constent omnis commotio quae in organis fit nervos subit et commotis nervis excitantur in ipsis spiritus animales qui excitati ad cerebrum vertuntur. Tales existere in nervis spiritus animales decurrentes demonstrat Boerhaavius cum nulla sint vasa per quae suus non excurrat liquor scilicet subtilissima et maxime mobilis substantia his praenotatis veniamus ad sensationis naturam explicandam.

De Sensationis natura generatim accepta

Exploratum est primo solos nervos esse sensationis capaces nam aliae corporis partes ut cartilagines ossa et caetera si laedantur constat experientia nihil nos sentire. Deinde nullam in nobis fieri sensationem quia externa organa tangantur et extrema nervorum externi objecti appulsu. Hinc vero commotio ex parte objecti commoventis est actio ex parte sensus commoti est aliud quoque dicitur passiva mutatio organi externi; sensatio igitur nihil aliud est quam perceptio animae passivae mutationis in organo externo quod quoque patet. Nam si mens attendat alia quae contingunt in organis externis nulla est sensatio. Hinc abstracti vero et quasi in extasim rapti nullus est ut novit. Ulterius vel integris oculis et auribus sensus auditus et visus. Corpus autem est quod sentit etiam anima a sensibus avocata haec fieret sensatio. Ergo anima est quae sentit non corpus. Ergo sensationes fit in corpore, sed in mente. Et in verum vero est modo quo in eo comm... atur sensatio attentis sensibus fieri videtur in ea corporis parte quae com-

com

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] experientia [illegible] [illegible]
[illegible] enim nervo [illegible] nullam amplius [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] membrorum [illegible] [illegible]
[illegible] animalium communicatio [illegible] est [illegible] oculi [illegible] auribus
[illegible] enim contingit quia in [illegible] in [illegible] corpore [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ipso [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] mens [illegible] dolorem [illegible] in [illegible] [illegible] [illegible] quia [illegible] [illegible]
[illegible] et nervi qui insequuntur ad manum [illegible] mens [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] in quo facta est commotio et inchoata sensatio [illegible] vero ad cerebrum
[illegible] [illegible] [illegible] [illegible] incursum [illegible] qui [illegible] [illegible] [illegible]
[illegible] per nervorum tremorem aut membrorum elasticitatem [illegible] [illegible]
[illegible] [illegible] [illegible] demonstratur et [illegible] [illegible] [illegible]
[illegible] commotionis tamen optime [illegible] [illegible] spirituum animalium incursum [illegible]
[illegible] cum subtilissimi sint [illegible] instar lucis celerrime moventur et [illegible]
ad cerebrum [illegible] explicata natura et ratio sensationum in homine

De Sede Animæ

[illegible] est in qua corporis parte [illegible] sit [illegible] anima
[illegible] enim est [illegible] observationes [illegible] [illegible] autem
in cerebro cum ab ipso nervi omnes qui [illegible] instrumenta sensationum
emanent [illegible] in cerebro [illegible] [illegible] animæ [illegible] in qua autem cerebri
parte locanda sit [illegible] est [illegible] sufficiat igitur dicere animam
[illegible] ubi [illegible] nervorum [illegible] in quo loco sensatio [illegible]

Quomodo mens nostra [illegible] tempore ab omni [illegible] [illegible]

[illegible] [illegible] a sola spirituum animalium [illegible] sensationes [illegible]
[illegible] [illegible] igitur rationem [illegible] [illegible] in [illegible] spirituum animalium
[illegible] vocatio a sensatione [illegible] omnes igitur [illegible] [illegible] [illegible]
[illegible] spirituum animalium [illegible] [illegible] [illegible] cerebri [illegible]

et vix vix commoveant, sin neque parvo numero occurrunt ad cerebrum et minus vividè. Non omnino spirituum animalium cessat incursus sed cessat commotio in organa sensoria ab externis objectis, sicut non excitatur extrinsecus per commotionem nervorum spiritus animales, atque illi solum volitant in cerebrum qui ex motu cordis sanguinis avolant sublimiores. Ergo causa somni habetur ex vacatione sensationis vividæ in organa externa, et ex inopia et parcitate spirituum eorumdem ad cerebrum.

Occurrunt vero nocte dormientibus quædam observari perceptiones quæ vocantur somnia. Lubet vero explicare quis sint quæ ipsorum somnia.

(De Somniorum Origine.)

Perceptiones illæ quæ inter somniandum menti exhibentur sunt operationes tum mentis tum corporis, et propositio patet ex admirabili fœdere quod est inter animam et corpus in homine. Nam sicut omnes vigili omnes mentis perceptiones sive mediatè sive immediatè relationem habent cum certis motionibus in corpore esse debet, et in somno cum ipsa lex statuta sit commercii in humanis operationibus, potissimum cum et perceptiones in somno versentur circa objecta quæ in vigilia habuimus. At perceptiones in somno sunt confusæ et obscuræ, quia tempore non tam vivaciores sunt corporis operationes sicuti in vigilia quod probat animam et in somno pendere a corpore, nam si simpliciter ageret per se nulla esset ratio confusionis idearum quæ tantum excitari possunt per leves impressiones et debiles spirituum animalium incursus, ergo potest necnon mentem et conscientiam adæquatum esse principium in somniantibus. Sit igitur

Propositio

In somnia nihil aliud sunt quam impressiones jam habitæ per commotum excitatæ a spiritibus animalibus eadem vestigia in cerebro impressa

[illegible] ... [illegible] nostrae [illegible] mentis [illegible]
[illegible] in [illegible] quae [illegible] imprimit vestigium in mente vel [illegible]
[illegible] Ex [illegible] connexione [illegible] causa motus [illegible] sanguinis
et in [illegible] somnia [illegible] sunt quam [illegible]
re per somnum excitatae [illegible] animalibus [illegible] nos
somniamus quae antea in vigilia non cogitavimus et si aliquid [illegible]
nos cogitare quod non reviderimus [illegible] ex connexione [illegible] com-
positarum sed certum est nos ea quae non vidimus numquam som-
niare [illegible]

De Anima Brutorum

Utrum bruta animantia conata sint [illegible] an mera
sint automata disputant inter se Philosophi Cartesiani volunt mera esse
automata quae certis legibus operentur a Deo statutis iuxta diversas universi
repraesentationes [illegible] recentiores vero in ea sunt sententia [illegible]
ta animam habere spiritualem quae eorum corpora regat et vivificet ac moveat non
secus ac anima humana regit et moveratur corpus nostrum verum cum [illegible]
vere videatur [illegible] bruta spiritualia [illegible] non secus ac hominem hinc non
[illegible] omnibus haec sententia quae religionem [illegible] videtur [illegible]
[illegible] si spiritualia [illegible] et immortalia [illegible]
bruta [illegible] si ex operibus et [illegible] eorumdem arguendum [illegible]
[illegible] cogitent bruta [illegible] spiritualem habere [illegible] cogitant [illegible]
bruta atque ratiocinantur pro [illegible] sensu [illegible] ut [illegible]
[illegible] est religioni spiritualia esse bruta [illegible] demonstratur
[illegible] hominis nam si bruta cogitarent [illegible] spiritualia [illegible]
[illegible] argumentum quo demonstratur ex [illegible] cogitandi et ratiocinandi hominem esse
spiritualem [illegible]
[illegible] hominis immortalitas hominis [illegible] bruta [illegible] sunt immortalia
cum capacia non sint meriti vel demeriti [illegible]

bruta spiritualia dicantur perinde ac homines spiritualitas enim includit qui-
dem immortalitatem intrinsecam naturae sive incorruptibilitatem non vero extrinse-
cam prout igitur spiritualis omnis bruta natura sua incorruptibilia sicut et anima
humana non autem perpetuo duratura nam eque poterant a Deo annihilari communi
ordine naturali et fine ab ipso Deo intento ob quem condita fuerunt quemadmo-
dum de absoluta Dei potentia annihilari potest anima nostra nec enim perpetuo su-
perantur per se sed gratia Dei. Ex quo igitur sint spiritualia bruta non recte colligi-
tur debere esse absolute immortalia annihilantur vero revera a Deo animas brutorum
non autem animas hominum patet ex eo quia in homine est desiderium felicitatis
in summo bono praeter haec bona praesentia quae homini videntur tota devoret felicitas
brutorum est in possessione boni praesentis neminem ubi et sue conservationis in praesenti statu
totaque eorum est propensio ad ciborum [illegible] cantandum et ea que conducunt in hoc aspectabili
universo ad suum praesens esse. Accedit quod experientia docet in brutis esse motus spontaneos
qui directe pugnant cum mecanismo et necessario postulant principium spirituale a quo possunt
diversa determinentur. Hoc vero non requirendum e libera omnino facultate donari qua do-
nantur homines. Natura [illegible] spectant bonum physicum et fugiunt a physico malo quod ad-
versatur earum valetudini seu conservationi quae objectum est sensorium et animo inconvenien-
tem [illegible] et electione boni non autem appetunt bonum in objecto metaphysico
aut abhorrent a malo morali cum eorum ratiocinium extenduntur tantum ad physica
sensibilia [illegible] non autem ad abstracta et insensibilia quemadmodum in homine reperitur
humanum ratiocinium. Quo igitur sicut de [illegible] continuis ac attentis eorum
operationibus bruta spirituali animari [illegible] non secus ac homines nec inde sequitur
absurdum [illegible] licet [illegible] discrimen inter homines et bruta si spiritualia dicantur quam-
quam enim idem sit quo ad naturam intrinsecam principium operans in brutis et in hominibus
non tamen idem est quo ad numerum prout prorsus quo ad spiritualem naturam
eadem est anima nostra ac spiritus Dei sed non eadem quo ad proprietates
Anima siquidem nostra finita est in suo esse et in suis attributis atque
facultatibus finita spiritus autem Dei natura sua infinitus et aeternus

Bruta igitur similia erunt quoad esse spirituale in natura et homines non quoad attributa et modos proprii principii spiritualis. Et sicuti utique Divus Thomas ratione modi intelligendi differunt specie Angeli, quamquam omnes et singuli sint substantiae pari natura spirituales et intelligentes, ita fiet aequaliter spirituales natura discriminabuntur specie animae brutorum et hominis eo pacto quo omnia corpora sunt eiusdem natura extensionis soliditatis, sed non eiusdem numero alia siquidem magna alia parva donantur quantitate et magnitudine alia magis solida alia minus sunt. Cum recentioribus igitur sentimus bruta vivificari anima spirituali. Et sane authoma est inquit Pater Ersius qui bruta automata dicit quis enim solo mecanismo ea omnia explicabit quae in brutis conspiciuntur nascuntur siquidem bruta et distinguunt affectionibus donantur si offenderint in malum cavent ab illo quo bonum aquisivere denuo petunt, blandiuntur homini qui ipsa amat alit atque fovet fugiuntque ab homine qui ipsa torquet aut spernit. Tanta est in operationibus brutorum principii spiritualis evidentia et alii etiam qui abhorrebant ab hac sententia animum refutare senserint quominus asererent bruta mera esse authomata. Hinc ne puras machinas, quod in contradictionem involvere perspiciebant autumarent bruta ex alia vero parte ne dicerent animam habere spiritualem bruta quod immodo primum ipsis videbatur mediam inibere viam atque sibi finxerunt vel animas hominum pravas per metempsicosim transire in bruta et in eorum corporibus ad poenas proprorum scelerum luendas inclusi vel demones damnatos in brutis esse qui pereuntibus brutis in alia enata bruta transmigrent. Verum huiusmodi opiniones a quolibet cordato viro vinciuntur. Haec sunt quae de natura principii operantis in brutis tum quo ad aliorum tum ad sententiam nostram dicere lubuit. Videndum autem est utrum reapse bruta cogitent et motibus spontanei ferrantur. Consulit experientiam attentissime, et res patebit manifesto et facile erit cum Cartesianis tum Peri-

Peri-

[illegible] sipus [illegible] ve...ntere nec enim temporis usura nos sinunt pertractationem hanc longius protrahere potissimum cum hactenus dicta satis superque sint ad vetustissimas adversariorum difficultates evertendas

Finis Metaphysicae

L100

PHYSICA

Ad Physicam

Prefatio

In hoc vitę genere nihil est Philosophię [illegible] quam universi ac ejus partium contemplatio ex qua sapientia et bonitas summi Dei contemplatur. Quid enim prestantius quam rerum ordinem naturę vires corporum revolutiones et motum investigare et noscere cum Philosophia nihil aliud sit quam naturę investigatio. Accedit jucunditas summa quę oritur ex scientia in notione rerum atque fenomenorum causarum cognitione animum alicit [illegible] rerum causas dignoscere cupit et effectus explicare. Physicam vero attendenti hec omnia presto sunt quę obtineat. Physice Greco nomine est scientia quę mundi originem et naturam speculatur in variis suis objectis sensibilibus atque fenomenis. Physice inquit Laertius proprium est de Mundo et de his quę in eo sunt disserere indagando scilicet adspectabilium omnium essentiam atque eorum actiones passiones originem situm motum ordinem vires effectus horum causas modos magnitudines eoque certioribus quibus fieri potest momentis demonstrando. Objectum igitur Physicę est universi machina omnium rerum collectio series et modus operandi quo in sensu naturę nomen accipitur a Physicis.

Physica dividitur in generalem et particularem. Generalis est quę considerat ea quę conveniunt absolute corporibus omnibus. Particularis quę scrutatur ea quę conveniunt alicui specialiter corpori aut singulis corporibus in certo peculiari casu. Cum innumera sint corpora quę sunt in unoquoque [illegible] aliquid speciale est expendendum varias partes et physica particularis sortitur proprio nomine ex peculiari objecto earundem desumpto. Sic quę rationem habet et [illegible] pro objecto vocatur orologia quę Cęlum aut historia astronomia quę partes humani corporis anatomia quę motum et pondus corporum solidorum statica quę fluidorum hydrostatica et hydraulica quę lucis in oculos irradiationem et visionem dioptrica catoptrica quę corporum mixtiones

et

atque fermentationes Chimica, quae cibariorum ac florum virtutem botanica et sic caeteris prosequendo. Dividitur etiam Physica in historiam et ethiologicam. Historica est quae observatur naturae phenomena atque describit quin eorum causas inquirat: talis est historia animalium ab Aristotele descripta, talis historia rerum naturalium a Plinio seniore triginta septem libris exarata. Ethiologica est quae discutit effectuum causas et naturae leges atque describit. In causis explorandis phenomenorum naturae legibusque statuendis eorum operandi modi duplex est physica demonstratio alia Mathematica alia conjecturalis et ipothetica. Tunc alicujus effectus causa Mathematice ostenditur quando tali observato effectu alterutrique certae causae characteribus necessaria apparet effectus cum data causa connexio et non nisi per eam possit explicari. Ad demonstrationem Mathematicam certa inserviunt experimenta rationi innixa unde certa firmantur naturae principia et tunc talis scientia dicitur physica experimentalis. Cujuspiam vero phenomeni causa duntaxat ipothetice stabilitur quando scilicet per conjecturas solummodo ex ipso phenomeno deducitur. hoc vero modo ut primo causam aliquam ex arbitrio ad aliquid explicandum non merito contingamus si res bene cedat ut juxta excogitatam causam datum phenomenon explicemus jam nobis conjectura suppetit illam veluti veram physicam causam esse quae propterea quoties idem phenomenon explicandum occurrit omni circa ipsam amota controversia veluti certum fundamentum praemittitur. quia vero non immediata et necessaria constat evidentia nisi quod per eam possit datum quodlibet phenomenon explicari tantum probabilitatem acquirit neque enim novum est unum eundemque effectum ex diversis causis originem ducere posse. Sic exempli causa motus omnes externaeque actiones quas observamus in animantibus vel ab aliqua interna agente puta anima vel sola ipsarum corporearum structura [illegible] hinc cavendum ne [illegible] ipothetice [illegible] necessitatem quam phenomena

con

conveniant eamque vero similiorem existimemus cujus ope plures enodari possunt difficultates. Quod si phenomenon aliquod seu experimentum hypothesi causæ manifeste adversetur, jam omnis ejus probabilitas corruit. Quæ per suppositam principia et per hypotheses philosophatur, Physica dicitur hypotetica, quæ tamen quantum hominis licet vitandum est, cum certe veritati non vero similitudini inveniende studeamus, et cum Physica sit scientia rerum sensibilium prout extant et operantur non sunt fingendæ hypotheses sed arguendum est ex eo quod sensus exhibent et tritata experimenta constanter et equaliter. Mens enim si ratiocinari velit meoris sensibus potissimum in physicis cum physice objectum immediatum sit corpus sensibile. His præno- tatis de physica in genere, nunc aggrediamur eam partem quæ physicam generalem respicit, progrediamur scilicet inquirere originem et naturam corporum prout materia generica componuntur, eorumque vires et leges motus quibus ipsa operatur.

Questio prima de primis materiæ elementis sive componentibus

Gravissima hæc est questio apud Philosophos multis discussa propositionibus sed quæ mea sententia facile eliminatur si physice loquatur de primigeniis compositi principiis non metaphysice ut plerique faciunt. Tota questio est quomodo prima elementa composita sint ut inde dicatur composita esse corporea nec enim sophismate torquentur nimirum si sunt componentia ergo non sunt composita, ex alia vero parte inquiunt ex simplicibus inextensum addito inextenso non facit extensionem ergo neque compositionem. Hinc in tanta questione variæ sunt sententiæ tum apud veteres tum apud recentiores. Qui censuerunt prima elementa incomposita esse voluerunt eas esse substantias simplices sed vario sensu variisque nominibus opinionem propriam stabilivere. Pythagoras corporum principia dixit numeros sed non eo sensu quod numeri sint componentia corporum sed quod summo ordine et proportione materia in suis

cor-

corpuscula conglomerarentur itaut omnia unum sint, in diversis distri-
cata et ab uno derivata sicut numeri originem habent ab unitate et
in hac sententia causam potius respexerunt mathematicam corporum
quam physicam vera [illegible] secutus est opinionem Pithagore.
Zeno qui voluit corpora omnia componi ex punctis quibusdam mathemati-
cis et simplicibus ex quibus tota resultat sphera mundana. In sententia
simplicistarum fuit et Leibnitius qui censuit materiam esse aggregatum sim-
plicium vocat monades. Leibnitii [illegible] adornavit Pater Boscovich
[illegible] professor in [illegible] scientiarum academia qui ut confir-
maret philosophicum [illegible] theorema inextensum etc docuit non dari in
corporibus extensum continuum sed tantum contiguum demonstrans possibilem in
natura saltum. Alii vero physicam attendentes materiae compositionem in
omnibus et singulis suis partibus varia constituerunt corporum principia. Volue-
runt alii terram esse corporum universale elementum cum ex terra omnia
coalescant et in terram cuncta revertant. Alii autem duo statuerunt, alii
quatuor elementa corporum. Primi terram et ignem ut Parmenides, alteri vero
terram aquam et aerem ut Xenophanes, sed hi utrique aberrantes operam
[illegible] quam inquirendam adhuc superest ex quo componantur ignis terra aer
et aqua quae specifica sunt corpora ex materia et ipsa resultantia unde dum
hoc assumere species potius corporum designavere quibus mundus coalescit
et exurgit atque ornatur quam principia materiei unde. Aristoteles et
[illegible] cum suis sectatoribus voluit principia materiei esse particulas mi-
nimas toti homogeneas solidas extensas sed et hic quaerere aliquid aliud
supponit quomodo nempe sint extensae solidae subiect unde sint [illegible] prout
tota est materia cui sunt homogeneae. Ut itaque omnis [illegible] verborum
[illegible] et metaphysica inquisitio elementorum materiei [illegible] est
experientiam facere et sensum corpora in singulis suis partibus quantum
cumque minimis extensa esse et solida [illegible] componi ex solidis atque

ex=

extensis et ut tollatur illa difficultas nempe componens implicare in se compositionem reponendum est componens esse relate ad totum corpus quod ex illo in pluribus minoribus partibus componitur, compositum esse relate ad se suam compositionem derivari a summo naturae auctore qui creavit materiam totam simul extensam et compositam nec enim fas erat Deo praeexistentes habere sui similes, ex quibus componeret materiam sicuti artifices solent ex praeexistentibus nova composita facere cum Deum immediate creaverit ex nihilo materiam non generaverit ex praeexistente et nulla sit implicantia quod Deus simul et semel materiam creaverit compositam extensam solidam imo ratio sit cur Deus materiam ex nihilo extensam creaverit atque solidam cum non possit esse materia quin sit solida et extensa ut videmus adeoque ut verum sit Deum creasse materiam asserere oportet Deum creasse ens in se extensum atque solidum. Hoc posito facile intelligitur quomodo habeatur continuum soliditas et extensio et hac posita sententia evanescunt difficultates quae recensitas urgent contrarias opiniones de origine corporum eo enim ipso quod Deus creaverit immediate extensam materiam patet ex extenso haberi extensionem atque eo ipso quod Deus compositam condiderit materiam patet non esse necessarium quod componentia sint simplicia ut talia dicantur nec enim compositio in corporibus oritur omnimode ex ipsis componentibus particulis materiei sed a constitutione naturae auctoris et eo tantum sensu componentes dici possunt particulae materiei in corporibus quod sicut ex pluribus minoribus maior fit extensionis et maius corpus non eo sensu quod universalis intrinseca materiei compositio ex ipsis minimis particulis proficiscatur. Deinde nos sentimus non minimis particulis ut minoribus corporibus totam exurgere materiam sed ex universa materia in partes divisa varia nata esse corpora specifica et diversa quae e'nunc constituunt atque exornant. Volumus enim Deum primo universam materiam totam simul conglomeratam condidisse, subinde ex praeexistenti materia varia corpora confecisse ut Solem Lunam terram etc. et ex diversis modificationibus in

[illegible] corporibus materialia corpora consurgunt etc. Hec est omnino nostra de origine corporum: contendimus enim ex simplicibus et inextensis nullatenus haberi posse compositionem et extensionem eamque ipsam [illegible] sententiam veterumque physicorum hanc nostram supponere opinionem, secus innumere occurrunt difficultates.

Cum vero corpora non solum materia resultent sed etiam forma, fuerunt philosophi qui corporum principia materiam dixerunt, et formam [illegible] enim quamquam nulla sit corpori que sub aliqua non sint figura, non tamen forma dici potest elementum corporis proprie loquendo cum forma nihil aliud sit quam ipsa materies diversimode modificata, quidquid Peripatetici eam aliquid a materia distinctum autument, tamquam aliquid ens esset a materia distinctum per se subsistens. Forma siquidem nihil aliud est quam [illegible] materie tali modo posite atque distribute, nec est quod materia esse non possit sine forma [illegible] ex natura finita [illegible] que sunt [illegible] in suis superficiebus debent terminari [illegible] figuram nec partes est quod eas totam determinatam figuram [illegible] intrinsecus constituantur naturalia composita sive corpora. Talia enim constituuntur et ab aliis distinguuntur prout composita et existentia in [illegible] structura et modificatione [illegible] sicut materia que eadem est in omnibus corporibus sive magnis sive parvis sive solidis sive fluidis. [illegible] enim [illegible] sint superficiei atque molis atque masse [illegible] sunt si minus [illegible] proprietatibus solida sunt si partibus constent valde compactis [illegible] in [illegible] vix vix [illegible] sunt si sint texture [illegible] que habeant figuras que in punctis vix se contingant ut est figura sphaerica. [illegible] est non omnia corpora [illegible] esse structure, sed alia que in planis vel quadratis vel cubitis sibi adhereant, alie que in sphaeris se continuant [illegible] perpetue [illegible] cum in suis superficiebus sibi respondeant

et partes occurant partibus officiem et cessionem et pressionem admittant cum
partes offendant in partes adeoque ut impenetrabiles sibi invicem resistant
[illegible] cum ex figura spherica innumeros admittant poros in sua conglomerati-
one compresse in poros sequentes facile [illegible] sive compresse aerum subeunt
porum [illegible] porro quae corpora structura ut in omnibus partibus se non contin-
gant seu [illegible] uniantur interjacentia patet ex eo quod corpora omnia emit-
tant effluvia quae emittere non possent si essent perfecte plena nec enim
effluvia tunc locum haberent per quem evanescerent in auras cum effluvia
et ipsa corpuscula sint quantumcumque minima solida et extensa adeoque in
spatio pleno resistentia subitura sive in sphaera plena effluvia autem emittere
corpora omnia patet ex perpetua chimicorum et observationibus. corpora
enim sunt vel vegetabilia vel animantia vel inanimata et bruta. [illegible]
effluvia [illegible] secretis virtutibus pomorum [illegible] quae omnia per effluviorum
transpirationem languescunt et deficiunt ut patet in fructibus etiam, animantia
similiter [illegible] effluvia constat ex sudore quem emittunt ex virium sep-
tenentia sic leguntur sunt in hanc rem sanctorii in Batavina universitate
medicinae celeberrimi professoris. corpora tandem inanimata et ipsa effluvia
[illegible] ex diverso colore quem exhibent in suis superficiebus successivo tem-
porum serie et ex maculis quae enascuntur in superficie marmorum saxorum etc
nec quis dicat quod si corpora omnia [illegible] effluerent penitus evanesque
deficerent id enim verificaretur si eorum substantia aliunde non instauraretur
quae continuo in eorum poros subit ex particulis et erogantibus per aerem vo-
lantibus et quae cum ipsis continuatur fermentationem suscipiens cum par-
tibus intestino motu revolutis ipsorum corporum [illegible] ex corpore
omnia intestino vero motu in suis partibus quo motu intestino fit ut par-
tes majores confricatae scindantur sicque minores fiant et illae tandem minimae
et levissimae factae ex aliis partibus sursum truduntur in aera et ab aera
ipso ut note specifice leviores sursum propellantur donec vel ipsi aequiponderantes

insc

ipso circumvolvuntur, vel minus ponderantes supra ipsum natent vel magis
ponderantes ab ipso præcipitentur in subjecta seu corpora, in eorumque interstitia
intrudantur. Si vero corpora vel dura scatent poris æque ac fluida, cum fluiditas
explicari nequeat non admissis poris, et totum sit discrimen inter fluida et soli-
da corpora quod minores habeant poros, in quos cedant partes compressæ, eorum-
dem solida majores fluida. Ex diversitate igitur figuræ sive texturæ et modifi-
catione proficiscitur diversa specificorum corporum natura, hinc neque bene senserunt
qui statuerunt materiam generationem et corruptionem esse corporum principia;
generatio quippe nihil aliud est in compositis naturalibus quam mutatio situs
vel texturæ materiæ, per quæ materia tale dicebatur corpus in aliam partium
modificationem, per quam tale novum corpus fit et appellatur, ut si corpus
durum a chimica ita in partes resolvatur ut figuram induant sphericam vix
in punctis se contingentem fit corpus fluidum. Corruptio nihil aliud est quam
resolutio partium materiei et talis structuræ et conversio ejusdem in aliam
modificationem. Hinc intereunte uno composito novum semper enascitur al-
terum. Quare concludo materiam esse verum physicum substratum composi-
torum naturalium formam generationem corruptionem esse metaphysica
principia quatenus ut tale materia dicatur compositum in aliqua sui por-
tione requiritur talem materiam habere [illegible] partium texturam atque
modificationem determinatam unde materia sub tali aspectu tale vocatur
compositum, sic ut materia dicatur ignis requiritur ut sit in suis partibus
[illegible] motu perniciosissimo agitata etc. Cum vero nos hic agamus de physi-
cis elementis principiis concludamus talia principia formaliter consti-
tui in solidis extensis partibus homogeneis totis unde resultat magnitudo
quælibet corporum et materiei quæ tota simul in singulis partibus creata
est [illegible] extensa solida ita ut nequeat esse materia quantumcumque
in minimis partibus ultimo dividatur, quin sit extensa semper et solida
adeoque divisibilis semper quatenus quælibet vel minima pars aliis semper

con

constat partibus minoribus et majoribus quæ partes habent extra partes

Hinc collige ideo materiam de primo eidem concepti pertinere extensionem et soliditatem necessario, et tales proprietates esse eidem essentiales

De Natura Materiei

Ex dictis extensio et soliditas conveniunt necessario materiei. Si vero supposita in corpore extensione et soliditate concipit statim idea et subjectum materiei, ergo natura ejusdem stat in extensione et soliditate. Cum vero dicimus naturam materiei non intelligimus essentiam ejusdem siquidem concevimus et ... illud esse essentiam ... alicujus rei. Essentialia sunt quæ pertinent ad essentiam essentia est principium unde demanant essentialia. Non instituimus igitur hic cum Cartesianis quæstionem in quo sita sit essentia corporum, an in extensione an in soliditate an in exigentia alterutrius cum fateamur unum non posse ex cognitis essentialibus statui principium alterius, utpote inter se independentibus, fateamurque ignotam esse corporum essentiam, seu tantum asserimus materiam ex suis intrinsecis esse substantiam necessario extensam solidam etc. Attributa vero essentialia esse reapse corpori cuicumque tales proprietates patet ex iis quæ in exordio tractatus de Anima humana diximus. Concludendum igitur est primarias materiei proprietates esse extensionem et soliditatem. Hinc agendum de reliquis proprietatibus quæ fluunt ex relatis primariis.

De Materiæ divisibilitate et materialium particularium subtilitate

Extensio aliter non posse concipi videtur quam ... ... itant unaquæque suam sibi ... ... rem loci partem occupet omnesque simul ... ... quadam communi sensibus imprimant immaginem ut in ea quemadmodum in corpore mathematico longitudinem, latitudinem et altitudinem distinguamus. Ex qua extensio partes ... ... alia in inducit in materia ... ... nemo ... ...

ovo

pro qua indivisibilitate intelligenda est non actualis alterius partis [illegible] in se [illegible] tio sed permixtio seu immixtio [illegible] separabilitas seu assignabilitas [illegible] divisibilitas profluit etiam ex extensitate qua prohibentur ne compenetrentur partes invicem, sed sint extra se, [illegible] terminentur [illegible] quantum unaquæque se contingant et sibi adhæreant in composito. Tanta est veritas huius assertionis ut saniores philosophi materiam in infinitum divisibilem asserant quatenus semper quæcumque materiæ ultima pars concipiatur, [illegible] ultimus [illegible] [illegible] esse debet [illegible] extensa per exiguum inquirunt arenulæ corpusculorum [illegible] plane impossibilem est [illegible] extensum [illegible] [illegible] sunt ipsius medietates [illegible] utrumque [illegible] manet adhuc materies. [illegible] compositum est et extensum [illegible] in partes [illegible] iterum [illegible] poterit semperque minus eadem ratione in infinitum. Nulla enim divisio deveniet ad nihilum: omnis enim pars quæ remanet corpus est [illegible] hoc est quantitatem [illegible] neque [illegible] posset nisi partes haberet in quas [illegible] ipsa divisio infinite [illegible] divisionis est in suis partibus materia extensa. Quam physica ratione demonstrant, probant etiam Geometricis demonstrationibus [illegible] circulus [illegible] figura [illegible] indivisibilis [illegible] demonstratur [illegible] circa unum [illegible] concentricum [illegible] omnes radii ad centrum ducti transeunt per circumferentiam minoris inclusi, eamque omnes [illegible] in [illegible] puncto [illegible] aliter si [illegible] radii per idem punctum transirent [illegible] quod Geometris [illegible] absurdum [illegible] [illegible]

pat.

[illegible] semper extremum [illegible] corpus [illegible] in infinitum [illegible] quorum extremum [illegible] non [illegible] [illegible] primi [illegible] demonstrationes mathematicae [illegible] mathematicas [illegible] [illegible] [illegible] partes [illegible] materiam [illegible] [illegible] debeat non talem, quae [illegible] physice [illegible] [illegible] in infinitum [illegible] [illegible] enim [illegible] materiam [illegible] quod et nos asserimus

[illegible] in materia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quorumcumque [illegible] maximum [illegible] ani-

[illegible] nobis [illegible] sensus [illegible] est nostri [illegible]
[illegible] magis [illegible] est [illegible] et aves [illegible]
[illegible] montana [illegible] distantiam sentiunt [illegible]
[illegible] tenuitatem [illegible] est [illegible] corporum [illegible] prodeunt [illegible]
[illegible] Boyleus
manifestam admirationem [illegible] particularum [illegible] tenuitatem [illegible]
[illegible]
[illegible] sex [illegible] sum [illegible]
[illegible] experiment[illegible]
[illegible] manifesta est summa subtilitas particularum [illegible] ventum [illegible]
[illegible] minuta [illegible] sex [illegible]
quem calculum fecit [illegible] ratione [illegible]
tantum intra quam corporis [illegible] odor sentiebatur, quae distantia erat
sex [illegible] quantitatem [illegible]
[illegible]
[illegible] corporeorum ex
[illegible] potest
[illegible] namque corporis [illegible] sua [illegible]
[illegible] oculorum et tactus [illegible]
[illegible] particularium materiae
[illegible] aliquam extensionem habere,
[illegible] compositionem [illegible] sensu
[illegible] elementares compositionem [illegible]
non vero omni extensione carentes et hinc arguere licet quid sit forma in com-
[illegible] diversis in [illegible]
[illegible] corpori [illegible] determinat primorum
scilicet [illegible] varia [illegible] dispositio [illegible]
generatio aliud non est in [illegible] naturalibus [illegible] partium exiguarum
ma-

materiei nova accumulatio et compositio ex rese ipsene. Alterius commutatio et compositio nihil aliud est quam grandium partium compositarum in minores resolutio, siquidem corpora non fiunt ex nihilo quando generantur neque corruptione abeunt in nihilo. Omnis propterea mutatio quae contingit aut contingere potest in corporibus fit in figura, magnitudine, partium incoherentia, situ et loco totius massae, tum in gravitate et viribus motricibus.

Divisibilitas et subtilitas quam maxima partium materiei illuas ex eius cum extensione. Hec dicta sint quoad extensionem nunc dicamus de altera corporis proprietate nempe soliditate, eiusque secundariis proprietatibus ex soliditate derivantibus.

De impenetrabilitate, duritie et firmitate corporum
de fragilitate, flexibilitate, mollitie, fluiditate et variis modis coherentia partium
materiei atque tenacia in corporibus
et de elasticitate.

Communem proprietatem ipse singulis partibus materiei ut suum quaeque locum occupent cum alterius cujusvis exclusione, id deprehendimus, ubi si corpus aliud in alterum impingat, cernimus aut hoc ita removeri ut illud in eius locum subingrediatur aut illud residere et ab ingressu eumdem locum prohiberi. Hinc colligimus inesse corporibus rationem quamdam qua sibi mutuo quodam modo ne in eodem loco componantur nempe soliditatem qua sanxit insitam et esteminus attributum materiae essentiale. Rationem huiusmodi soliditatis impenetrabilitatem vocarunt philosophi. Soliditatis idea in naturae fenomenis inquit Joannes [illegible] physico generalis capite tertio ita est corpori adnexa ut ab eo nulla ratione avelli queat. Fingamus enim duo corpora in se invicem recta linea moveri, sed inter ea tertium occurrere corpus quod neque sursum neque deorsum neque ad dextram neque ad sinistram elabi possit percussione [illegible] duo hec corpora quantumcumque sit eo:

corum vis numquam ein urgentur. Nec possumus intelligere interpositum corpus amittere soliditatem quin simul intelligamus tale corpus in nihilum re[digi]. Cum vero quaevis impressio et compressio nullum possit corpus in nihilum perducere fieri propterea nullatenus potest ut duo corpora in nihilum redigant ipse motione mota interpositum corpus. Ergo impenetrabilitas pertinet ad corpus itaut corpus non sit, si non sit impenetrabile. Non negamus fieri posse ut tollatur a corpore impenetrabilitas mutato naturae ordine. Verum nos hic agimus de corpore spectato in praesenti naturae statu.

Quae sit soliditatis et extensionis causa non est ut hic quaeramus inutile enim id foret cum ignota nobis sit materiae essentia. Nobis satis est novisse ex constanti experientia et consensu materiei extensionem et soliditatem proprietates esse corpori primarie essentiales, atque quodlibet corpus ut extensum natura sua esse divisibile et quidem mathematice in infinitum, ut solidum esse impenetrabile.

Nunc ea attendamus quae ex impenetrabilitate dignoscenda veniunt in corpore per diversas impenetrabilitatis species.

De corporum duritie et firmitate ac cohesione

Durities corporum consistit in arcta materialium partium structura nexu et cohesione itaut percussioni resistant, ne ipsorum partes intropremantur aut distrahantur. Corpus propterea perfecte durum vocamus cujus partes vi extrinseca utcumque magna sive naturali sive artificiali nec in se cedunt nec a se dividuntur.

Ex duritie, sive arctissimo partium complexu oritur firmitas in corporibus. Talis firmitas oritur vero ex cohesione sive modo quo partes connectuntur magna autem est quaestio si partes adhaereant sibi in superficiebus.

De fragilitate

Fragilitas consistit in facili partium divulsione quam partes ... compressae introrsum non aequant. Huiusmodi sunt calces, quae inde

inde

[illegible] ... constat ... [illegible]

... [illegible] ... structura

[illegible]

... distrahi ... [illegible] ... unione et cohærentia ... [illegible] ... tere nolumus.

De Molities

[illegible] ... [illegible] ... vestigium

[illegible]

[illegible] ... facile cedit, et ... figura ... [illegible]

De Tenatia et coherentia

Tenatia et coherentia ... in materia ... [illegible] ... ad invicem cum distrahuntur.

De Elasticitate

[illegible] corpus ... [illegible] ... statum revocet ... exhibentur quæ di... [illegible]

e.s.s

[illegible] Elasticitas, sicut vis est restitutiva partium corporearum in statu e quo fuerant deturbatae. Elasticitas corporis perfecta esse potest et imperfecta. Perfecta est cum vis corporis distracti et sese restituentis [illegible] per quam fuerat figura mutata et omnino ad eandem figuram restituitur corpus quam ante compressionem vel distractionem obtinebat. Imperfecta est quando corpus post distractionem ad pristinam figuram redire nititur sed [illegible] quamdiu mutatio fuit [illegible] nec etiam perfecte assequitur.

Hucusque definitiones attulimus recensitarum proprietatum materiae; nunc progrediamur [illegible] causam physicam [illegible] corpora.

Duritiem, firmitatem, cohaesionem et tenacitatem corporum non nisi gradu inter se distingui omnesque unam agnoscere causam experientia comprobamus [illegible] omnes [illegible] originem suam desumunt ex diversis gradibus unius ejusdemque [illegible] ad [illegible] partium materiae [illegible] nunc est disserendum.

Est autem ex communi recensitorum phaenomenorum [illegible] quae ad se mutuo [illegible] trahuntur [illegible] cohaerentia [illegible] effectus est attractionis [illegible] duritiei, firmitatis et tenacitatis [illegible] corporum. Sit itaque

De vi attractionis

Propositio

Datur in singulis materiae particulis vis attractiva qua singulae ad se mutuo [illegible]

Probatur experimentis. Plurima corpora videmus in determinatis posita distantiis ad se mutuo accedere. Dubium autem non est quin mutui huius accessus causa illa esse debeat, vel extrinseca, quae in partes corporum agat eas [illegible] coniungens vel partibus materiei intrinseca qua natura sua invicem operentur et ad se trahantur. Accedere ad se invicem corpora sive solida sive fluida patet experimentis. Firma enim corpora in superficie levigata proxime posita sese attrahunt et in superficiebus coniunguntur arctissime. Fluida vero cohesionem affectare inter se manifestum est, si duae aquae guttulae prope ponantur modico interiecto spatio quae sphaericam linquentes figuram ad se invicem oblongantur et in alteram grandiorem guttam sphaericam coalescunt. Idem observatur etiam in duobus globulis Mercurii proxime positis; idem in aliis fluidis. Nec sibi invicem tantum firma cum firmis attrahuntur sed etiam fluida cum solidis et solida cum fluidis sibi adiacentia proxime cohaerent. [illegible] quaecumque [illegible] fluitantibus [illegible] stillatitia ex plantis tum vina quaecumque ex uvis et aliis fructibus [illegible] expressa acetta et vinis et arenosa spiritus [illegible] quaecumque [illegible] sive [illegible] sive [illegible] spiritus [illegible] haec omnia [illegible] vitrum, [illegible] non [illegible] ita [illegible] nam [illegible] singulorum fluidorum superficiei [illegible] [illegible] quantumcumque corpus [illegible] non [illegible] memoratis [illegible] immergatur, [illegible] tamen fluida [illegible] superficiei [illegible] apparet. [illegible] corpora inter se cohaerent [illegible] intervallo a se distant [illegible] subire nitantur. Sint duo vitrea specula plana [illegible] elevando [illegible] debebis etiam in [illegible] [illegible] elevando [illegible] tum [illegible] interpone [illegible], mox triplicatum in locis va-

[illegible] ut [illegible] majori intervallo a se absint, vim adhesionis semper senties eo tamen decrescentem quo majus fuerit filum interpositum [illegible] [illegible] [illegible] corporibus [illegible] singulis materie [illegible] est ex [illegible] eandemdem qua corpora [illegible] ut unum [illegible] [illegible] [illegible] similiter [illegible] [illegible] est quae res teneat et ad mutuum [illegible] [illegible] [illegible] est [illegible] qui [illegible] cohesionem [illegible] [illegible] [illegible] aut immediatum contactum ut infra videbimus. Ergo communis [illegible] corporibus et materie [illegible] effectus tribuendus est [illegible] inter corpora [illegible] contendens mutuum [illegible] et contactum in [illegible] quae [illegible] mutui hujus [illegible] nec enim aut [illegible] aut [illegible] movere nos volumus [illegible] causa ea nobis tenenda sit [illegible] ut ea [illegible] quae veritas [illegible] et [illegible] naturae [illegible] [illegible] est [illegible] trahi et adhaerere in suis [illegible] et [illegible] est trahentem [illegible] vim in natura reperiri sive [illegible] et autore naturae institutam legem [illegible] in quibusdam circumstantiis posita [illegible] adhaereantque aliqua certe operante potentia quae [illegible] et cohesionem [illegible] cum nec prorsus sint natura sua inertia, et otiosa, quae [illegible] [illegible] effectu [illegible] [illegible] itaque [illegible] in singulis materiae [illegible] et [illegible] vim attractionis intelligimus [illegible] qua corpora ad se feruntur sive vero [illegible] resistunt [illegible] quandam [illegible] [illegible] quam naturae [illegible] totum unum constituere in universa materia. Moneo itaque vos [illegible] ne [illegible] hujusmodi vocem existimetis [illegible] vel modum actionis [illegible] [illegible] definitum, neque vero et proprie vim atrahentem materiali substantiae et [illegible] [illegible] attributam [illegible] [illegible] effectus gratia consimiles dicendi formae nobis erunt [illegible]

vocemque sensu accipiendo sunt voces, si quando ciuvent impulsus propensiones aliaque similes.

Posita hac usitata attractionis explicatione patet quam immerito nonnulli arguant Newtonios veteres ac una cum hac mutua corporum attractione veterum Peripateticorum occultas qualitates in philosophiam ex[illegible] [illegible] omnes [illegible] reconnoves. Maximum enim interest [illegible] tamen inter qualitates occultas Peripateticorum et inter eam attractionem [illegible] tum ratione natura [illegible] qualitates [illegible] Peripatetici [illegible] substantiae materiae forma [illegible] se mutuo [illegible] causa [illegible] natura [illegible] ordine [illegible] lege divina [illegible] natura instituta est [illegible] occultae qualitates [illegible] [illegible] qualitas occulta [illegible] Peripateticos [illegible] substantia [illegible] non substantia materialis [illegible] non materia [illegible] [illegible] qualitatem [illegible] ac Peripatetici suas [illegible] attractionem [illegible] corpora se invicem [illegible] unius in alterum [illegible]

corpus [illegible] [illegible] nisi alterius ministerio cum tamen generatim omnium [illegible] [illegible] [illegible] [illegible] est ut [illegible] corpori motum et impulsum [illegible] communicatum tandem [illegible] [illegible] recognoscant ab auctore sibi [illegible] naturæ [illegible] [illegible] instructa ut [illegible] corpora in talibus circumstantiis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] corpora [illegible] [illegible] circumstantiarum [illegible] ad accessum moveret [illegible] [illegible] [illegible] [illegible] effectus [illegible] [illegible] [illegible] sive impulsionis sive attractionis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] recensionibus [illegible] sententiam non [illegible] sed [illegible] tantummodo attractionis et impulsionis vocibus quas [illegible] [illegible] [illegible] nisi [illegible] aliqua [illegible] ambiguitas [illegible] [illegible] vero [illegible] attractionem a sola Dei [illegible] eiusque [illegible] [illegible] [illegible] [illegible] [illegible] quamcumque philosophorum [illegible] in causarum indagatione et semel tamen [illegible] supremam [illegible] causam est [illegible] a qua [illegible] [illegible] proprietas [illegible] naturæ [illegible] [illegible] [illegible] vis sive impulsionis sive attractionis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nulla inveniatur quæ saltem [illegible] [illegible] attractionis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] naturæ [illegible] summo auctore [illegible] [illegible] [illegible] omnibus corporibus vis attractionis quæ [illegible] naturæ [illegible] [illegible] circumstantiis [illegible] [illegible] corpora [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Diversis aut proprietatibus in variis distantiis operari vim attrahentem corporum [illegible] [illegible] [illegible] non [illegible] [illegible] [illegible] corpora quæ attrahuntur in [illegible] [illegible] magis enim attrahuntur quæ [illegible] [illegible] minus quæ minima magis in minima distantia minus in minori [illegible] constant experimenta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] distans operari [illegible] extra spheram suæ efficaciæ [illegible] ut diximus non est attractio, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

qua-

[illegible] erant Peripateticorum, sed est ex [illegible] natura a divina [illegible] permanens quae datis talibus circumstantiis operatur in materia [illegible] non [illegible] instans quasi unum corpus attrahat alterum [illegible] ea aut mecanismi more [illegible] contactum veniant

[illegible] universalem attractionis [illegible] attraherent [illegible] cometa [illegible] adhaereret [illegible] in suo [illegible] attractus [illegible] non continuaret [illegible]

[illegible] non [illegible] vim attrahentem [illegible] causa [illegible] vis attractionis [illegible] centrum [illegible] cometa [illegible] gravitatis [illegible] centrum quam [illegible] attractio [illegible] aequa sit [illegible] quominus [illegible] attractionis [illegible] gravitatis [illegible] pressio. Ergo

[illegible] instari [illegible] etiam [illegible] gravitatis [illegible] vera [illegible] supremum [illegible] ratur

[illegible] quam [illegible] determinamus [illegible] attractionis [illegible] semper [illegible] una parte [illegible] altera [illegible]

[illegible] [illegible] immerguntur vitri [illegible]. Elevatur aqua [illegible] ubi
magis est proxima [illegible] [illegible] contactus et angulo [illegible] [illegible]
[illegible] [illegible] [illegible] experimento [illegible] [illegible] in
accedens aqua [illegible] [illegible] in ratione inversa distantiarum [illegible] [illegible]
[illegible] [illegible] [illegible] vitra plana [illegible] [illegible]
stituunt [illegible] [illegible] elevatur [illegible] [illegible] ex momentis [illegible]
[illegible] [illegible] [illegible] maximor altius [illegible] [illegible] altera vero [illegible] [illegible]
[illegible] sunt et [illegible] [illegible] interceptum [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] gravitatis [illegible] [illegible] non [illegible]
nisi [illegible] [illegible] vitra continent [illegible] aqua [illegible] per vitra [illegible]
[illegible] immersa [illegible] [illegible] [illegible] gravitatis [illegible] attractione
superetur.

Ex hac [illegible] eligitur cur [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] elevatur ad ultima usque [illegible] extrema eo
quod attractio insit vitris quamcumque eorum parte in planis vero quorum alterum
sit orizonti parallelum, alterum ubique non oppositum quia [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] in ea parte [illegible] attractio gravitas vero [illegible]
a subiecto plano [illegible] vero planum superius [illegible] [illegible] inclinatum ut [illegible]
[illegible] [illegible] attineat et in elevatione plani [illegible] [illegible] [illegible]
[illegible] [illegible] mutua attractione [illegible] gravitatem ut tantum [illegible] [illegible]
cum planum [illegible] [illegible] et requisitam distantiam [illegible] [illegible]
nare vero [illegible] [illegible] normam et rationem non [illegible] [illegible] enim
[illegible] [illegible] [illegible] [illegible] [illegible] altitudinem [illegible] [illegible]
[illegible] plana [illegible] difficulter [illegible] exacte [illegible] orizonti [illegible]
[illegible] planorum positio [illegible] in [illegible] parti [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et uniformes obtineri [illegible]
[illegible] [illegible] a [illegible] et [illegible] [illegible] [illegible] et varia [illegible]
ratio maior [illegible] vel minor [illegible] [illegible] [illegible] ex [illegible] [illegible] [illegible]

et

et vetusta lentius moventur eo quod vetustate ipsa maiorem acquisierint inter suas partes cohesionem et minorem habeant atque conservent aptitudinem ad attractionis effectum cum externo corpore. Animadvertenda est etiam in corporibus vis altera quam repellentem licet apellare ortam ex virium attractivarum diverso modo ac diversa corpora ut demonstravimus qua scilicet diversa corpora quedam non se atrahunt, imo invicem se fugiunt veluti oleum et aqua que licet mixta simul semper tamen separantur.

Illud quoque non omittendum specificam gravitatem, altero in corpore maiorem comparari non se cum maiore atractione alterius corporis licet specifice levioris ut constat experimentis sic Balsamus mineralis qui solutus est alcohol tenax atrahitur eque ab omnibus corporibus gravibus quam levibus, ut calce aspersi mercurii gutte, que candide albe et posite instant admoveatur vitrum cui statim adheret atracta. Pariter Mercurii gutte per exigue que ab ipso in primum abeunt carta excepte, vel linteo madido, ferro solito ipsi contra proximum non adheresiunt sanguis humanus et bovinus atrahitur, et adheret linteo aliisque multo levioribus unde patet atractionem gravitati non esse proportionalem semper.

Quibuscumque demum atractionis effectibus explicandis nonnulli inserviunt canones quos cnarunt osnos Koleus epistolam Gulielmum, e Kourch meo ine. è dorem aliquos probo illustrarum nemine.

Canonem Primum

Corporis attracti ubi atrahenti contiguum est atractio omnino fortior sit quam cum vel minimo intervallo separantur, et minores vires particularum atrahentis in recessu corporis atracti decrescunt in ratione duplicata eorum distantiarum.

Hoc patet ex experimentis et observationibus que ostenderunt atractionis vim in minori intervallo maiorem in majore minorem in casu contactu maximam. Salium ex: gra: in aqua solutorum vires atractive sunt minime, ut aquearum par

particularum intervallo separantur; ideo ubi aqua in vapores evanescent in super-
ficie et sales ipsi crassiores evaserint tum in se ruentes coherent et in cristallos
faciunt res ad unum coeunt. Si vero demonstratum Neutono principiorum
mathematicorum libro primo propositione octuagesima quarta nomine si vel
in ratione inversa quadratorum distantiarum attractio operaretur aut sensibi-
liter augeretur ex diminuta distantia vel ex ipso contactu, multoque minus
si in alia ratione, quae duplicata inversa sit minor ea operaretur. Constat
gravitatem agere in ratione duplicata inversa distantiarum, hæc vero vel
diminuta corporum a centro distantia nec multum vel sensibiliter inten-
ditur, si namque pondus ejusdem corporis deprehendatur sive in telluris super-
ficie sive a tellure centrum, pedum ex eodem inferiori loco, ubi ita vis
de qua agitur necesse est igitur ut ea augeatur in rationem plusquam du-
plicata inversa distantiarum.

Theorema Secundum

Si particularum in se invicem trahentium vires decrescunt in ratione
triplicata aut plusquam triplicata distantiarum augescentium attractio
erit infinite fortior in ipso particularum contactu aut intervallo infinite
exiguo quam in alio quod vis intervallum. Hoc theorema demonstratum
est Neutono propositione octuagesima octuagesima prima et reliquis li-
bro primo ex hoc theoremate haec sequuntur corollaria

Primum

Si vis attractiva in dato intervallo habeat ad gravitatem rationem
finitam vis eadem attractionis in ipso contactu vel in distantia infinite exigua
erit infinite major vi gravitatis. Ratio patet ex ipso theoremate.

Secundum

Si in ipso contactu attractio ad gravitatem habeat finitam rationem
in dato quovis intervallo erit in ipso gravitate infinite minor. Ita sano rem
se habere patet ex corpore firmissime coherentium ecumque partium separation

facta per aliquod pondus.

Tertium

Ex his patet cur quæcam corpora in dato quovis modico intervallo nullum atractionis mutuæ preservant vestitum.

Theorema Tertium

Si corpusculum aliquod corpus tangat vis qua corpusculum urgetur ad corpus cui cohæret, erit quantitati contactus proportionalis, partes enim remotiores nihil conferunt ad cohæsionem per theoremata primum et secundum. Ita proxima cohæsio agitur a partibus immediate se contingentibus quæ si dupla vel tripla fuerint, cohæsio erit dupla vel tripla vi contraria superanda

Corolarium Primum

Pro vario particularum corpus aliquod constituentium contactu variantur cohæsionis gradus iidemque tum maximi erunt vel corporum in quibus tantum superficies plane et levigate existunt et contactus eo enim causa partium contactuum quantitas major est. Hac ratio intelligitur cur duo marmora exactissime polita et se tangentia non possint nisi summa vi abstracta divelli quæ nempe aeris semper incumbentis gravitatem multum superet.

Secundum.

Facile praeterea apparet ob rationem debuit corpora quorum minimus est contactus ut inter spherica et curva, vel inter plana et curva et etiam quæ asperrima superficie sunt affecta per eamdem rationem vim nihil coherent sibi imposita, et metallica corpora parvi vi non coherent si igne prius coaluerint in unam massam.

Theorema Quartum

Vis qua corpusculum aliquod ad aliud corpus urgetur nempe attrahitur, vel qua ei coheret quantitatem suam non mutat sive augeatur corporis atrahentis materia sive minuatur dummodo eadem maneat corporis densitas atque distantia. Id constat ex theorematibus primo secundo tertio jam ostensis

Præ-

Theorema Sextum

Particularum vires attractive, sive cohesionis mutuum pendent ex earum figuris per precedentia Theoremata

Corollarium

Quare eadem existente materie quantitate seu eodem elemen:
:torum numero sub eodem volumine diversa esse potest coherentia, et firmitas pro diverso scilicet situ, et figura elementorum secundariorum que ex primis coalescunt.

Theorema Sextum

Corpora majora per vim attractricem minori velocitate ad se accedunt quam minora. Id patet ex precedentibus Theorematibus

Corollarium

In majoribus id ideo facile impediri potest effectus attractionis vi paululum superante ejus velocitatem.

Theorema Septimum

Si corpusculum in fluido collocatum a particulis ambientibus undique equaliter trahatur, nullus inde oritur corpusculi motus; quod si ab aliis particulis magis ab aliis minus urgeatur ad eam partem tendere debet, qua major est attractio, et motus producetur pro ratione inequalitatis attractionis

Corollarium

Hinc est ratio cur nonnulla corpora juxta se posita nullum referant attractionis inditum.

Theorema Octavum

Si ea sit corporis textura ut particule ultime compositionis eorum externam superficiem constituentes vel ab alio corpore proxime sive impulsas a primigeniis suis contactibus paululum dimoveantur, nec interim in novos contactus coinciderent, particule per vim attractivam

sese mutuo petentes ad pristinos contactus [illegible] cito redibunt iisdem vero redeuntibus particularum contactibus et positionibus eadem quoque redibit corporis figura, adeoque non vim attractivam corporis [illegible], quas amiserint figuras iterum potenent recuperare.

Corollarium Primum

Hinc corporum elasticitas et reflexio

Secundum

[illegible] contactibus [illegible] in [illegible] vel [illegible] [illegible]

Theorema [illegible]

[illegible]

Corollarium Primum

[illegible] que ex theoremate ipso eruuntur.

Secundum

[illegible] conditiones in [illegible] [illegible]

Theorema [illegible]

[illegible] in alia corpuscula rursus impingentia [illegible] tus frequentesque [illegible] autem [illegible] corpusculorum [illegible] et [illegible] eorum motus [illegible] ela-

[illegible]elasticitate carent erunt [illegible] et diversis gradibus ac temporibus fient sensibiles.

Corollarium

[illegible] fermentatio et effervescentia corporum mixtorum.

Theorema Undecimum

[illegible] se mutue [illegible] [illegible] [illegible] [illegible] seu molecula[illegible] particularum [illegible] [illegible] [illegible] gravitatem [illegible]

Corollarium

Hinc [illegible] ex prima [illegible] [illegible] secunda. Quae etiam oriri [illegible] ex [illegible] menstrui gravitate [illegible] structuris [illegible] menstruo [illegible] metallis [illegible] metallicae particulae [illegible] aqua in menstruum [illegible] gravitate [illegible] menstrui gravitate [illegible] contingit [illegible] calamina [illegible] [illegible] argenti dissolvit cuprum et argentum demittet [illegible] eveniunt [illegible]

Theorema Duodecimum

[S]i inter duas fluidi particulas aliquod interjaceat corpusculum [illegible] attractionibus hoc interjectum [illegible] omnes in corpus firmum [illegible]

Corollarium

Hinc ratio congelationis.

Theorema septimum tertium

Si corpusculorum se invicem trahentium et in fluido natantium ea sit figura ut in certis ipsorum partibus majori polleant vi attractiva quam in aliis, tum major in iis sit corpusculorum contactus, corpuscula illa coalescent in corpora datas figuras habentia et inde emergent cristallizationes

Theorema septimum quartum

Si corpus aliquod maximam emittat [illegible] vaporum copiam, eorum vires attractiones sint firmissime cum neque [illegible] corpori [illegible] occurrunt, eorum vires attractrices gravitatem tamen corporis [illegible] superaverint, et [illegible] via corpus illud ad se trahent cumque multo magis correpta sint [illegible] in minori ab emittente corpore distantia [illegible] corpus [illegible] sicca [illegible] aderat.

Corollarium

[illegible]

Theorema [illegible]

[illegible]

Corollarium

Hinc plurium [illegible] ratio [illegible]

Demonstrata in natura mutua corporum attractione [illegible] usque attractionis [illegible] [illegible]

[illegible] facile intelligimus cor[illegible] [illegible] nes val[illegible] [illegible] sint, seque in [illegible] superficiebus contingant, [illegible]

Or

orin tentiam firmitatem [illegible] convulsioni resistentiam. Re vero maximam partium [illegible] firmitas gratis a nobis indicta existere [illegible] superficierum in ea parte qua fuerint [illegible] sibi [illegible] videbitur [illegible] partes ea corpora componentes, [illegible] superficiei unde necesse [illegible] est [illegible] gemmis et solidioribus metallis [illegible] planamque [illegible] superficiem [illegible] habeat [illegible] propositam [illegible] vix adhaerent vi [illegible] [illegible] nd) [illegible] persuasum esse [illegible] avoque exactius sibi sint [illegible] demum hinc adeo a se invicem [illegible] a subtilissimi aetheris pressione vel a pondere corporum vel ex uncinis [illegible] in superficiebus derivari. [illegible] docent nulla ex huiusmodi causis derivari coherentiam et firmitatem intimis [illegible] aut ex alitendo proficisci. Quod ne gratis asseri videatur exponere lubet ac [illegible]

Propositio

Causa [illegible] cohærentiæ [illegible]
[illegible] ac firmitatis non est [illegible]
aeris aut subtilis ætheris pressio

6 Cum certa sit [illegible] causa [illegible]
[illegible]
causa consisteret quamvis [illegible]
[illegible] magis
[illegible]
[illegible] observata est [illegible] adhæsionis variatio [illegible]
altitudinem perseverante barochopio. Sic apud Roschembruechium sub
[illegible] aere [illegible] plenissime [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] adhæserunt [illegible]
[illegible]
[illegible]
[illegible]
[illegible] marmore [illegible]
[illegible]
argento [illegible] 250. Constante itaque tanta adhæsionis [illegible] sub eodem
aere [illegible] tempore [illegible] adhæsionem non [illegible] ut aeris est pressio [illegible]
[illegible]
[illegible]
cohærentiam. Sed nec subtilis [illegible]
[illegible]

[illegible] Cartesiani, sed esto existat. Premat innatan[illegible] suam exercere vim quam [illegible] [illegible] componentium corpora superficiebus incumbant, in easque sue gravitatis [illegible]

[illegible] centesima pars [illegible]

[illegible] omnis dimensio [illegible] erit in hoc corpus ut cen[illegible]

[illegible] centesima parte [illegible]

[illegible] necesse est. Nam ubi [illegible] habet [illegible]

[illegible] hoc posito [illegible] et firmiora essent corpora quomin[illegible] adhaerent [illegible]

[illegible] partes se numquam invicem [illegible] ut minori [illegible]

volumine majorem continet materiæ massam [illegible] suber ita, et aqua respectu [illegible] unde est necesse ut in mercurio minor [illegible] in aqua voluminis pottementibus attribuamus quam in ære et subere [illegible] et nulla penitus ratione probari potest quis enim unquam videt [illegible] [illegible] e non tangen[illegible] sic interiecto intervallo per aerem pendulas remanere [illegible]

[illegible]

pensis quod falsum omnino est

[illegible]

[illegible] teria, variorque glutine quo [illegible]

[illegible] na-

naturæ [illegible] ut [illegible]

91

[illegible] cum [illegible] sæpe [illegible] [illegible] [illegible] ita valide calærenint, [illegible] tum constat lectione decima experimento [illegible]

Verum in [illegible] nostram sententiam [illegible] [illegible] excipitur emisphæriorum [illegible] Apponitur siquidem in exci[illegible] emisphæria constitutis [illegible] [illegible] in primis [illegible] emisfæria [illegible] ea duntaxat parte, et non penitus in frustula [illegible] duntaxat [illegible] [illegible] aeris [illegible]

partes

partes omnes emisferia componentes sit quam maxime contiguae sunt [illegible] [illegible] ecContra cum [illegible] exacte [illegible] [illegible] partes eorum [illegible] [illegible] emisferio [illegible] minus [illegible] quam [illegible] tunc etiam intelligitur cur in [illegible] machinae [illegible] aere exantlato emisferia quae [illegible] [illegible] [illegible] compto aere [illegible] momentum attractionis [illegible] non valet [illegible] [illegible] si attractionis momentum [illegible] [illegible] superficierum [illegible] [illegible] tunc sive in [illegible] aere sive in vacuo [illegible] vero [illegible] [illegible] concludimus [illegible] emisferiorum [illegible] argentum [illegible] [illegible] [illegible] vero si cohesio et [illegible] [illegible] aeris [illegible] mente sequi deberet proportionem [illegible] aeris [illegible] quae [illegible] [illegible] diminutione diminui deberet [illegible] [illegible] tamen aurum [illegible] quocumque marmor et [illegible] [illegible] [illegible] exhibeant [illegible] [illegible] tum in aere tum in vacuo.

[illegible] argumentis [illegible] adversariis [illegible] [illegible] iisdem mutationibus obnoxius esse deberet tenuissimus aether ac aer [illegible] [illegible] [illegible] [illegible] [illegible] diversa aetheris [illegible] [illegible]

Corporum firmitas non in sola partium quiete et contactu [illegible]

[illegible]

corpora [illegible] corpora non [illegible] causa firma est et mutuo congere [illegible] [illegible]

[illegible]

-rmonem [illegible] caeterimo [illegible] aliquando manente nihilominus [illegible]

[illegible]

ra, nec esse facultatem [illegible] est exercitium vis motricis

[illegible] Unde nulla est paritas.

[illegible] sentiendum est neque ita dura esse, et firma ut nullam patiantur compressionem, aut flexionem. Corpora enim quaecumque cuiuslibet sint speciei flexibilia sunt, [illegible]

Propositio

[illegible] omnia [illegible] compressiones

[illegible] corpora [illegible] [illegible] omnia [illegible] hoc autem posito nullum est corpus perfecte [illegible] [illegible] nobis [illegible] experimenta [illegible] exacere et [illegible] quod nimium [illegible] violento motu quem [illegible] proximantur [illegible] videmus. Nihilominus si ex aere [illegible] emisferium [illegible] subtor[illegible] cepit et valde comprimatur, sic [illegible] enea, vel [illegible] [illegible] [illegible] experimentum [illegible] [illegible] internositi inter [illegible] [illegible] conatus est maxime [illegible] [illegible] minima interpositi aeris compressione repeti non debeat neque hujusmodi res [illegible] vacuum, [illegible] si [illegible] in [illegible] cum [illegible] [illegible] tangere nisi [illegible] communem [illegible] [illegible] par-

[illegible] ... sunt ... aëris ... [illegible] est inventum ... atque compactio ... [illegible] ... in morbus quibuscumque ... [illegible] ... aquas ... [illegible] ... est [illegible]

De elasticitate

[illegible] jam mox corpora omnia ... [illegible] ... [illegible] ... in ... [illegible]

[illegible]

[illegible]

[illegible] ... cum partes ... [illegible]

[illegible]

[illegible] ... elasticum est corpus ... [illegible]

[illegible] in pristinum statum [illegible] [illegible] [illegible] [illegible] immensi [illegible] ad ma[illegible] [illegible]ntur distantiam quam [illegible] [illegible] Quod si ipsam [illegible] [illegible] [illegible] [illegible] [illegible] est omni[illegible] [illegible] et primum [illegible] [illegible] [illegible] [illegible] [illegible] elasticitate. [illegible] omnia [illegible] [illegible] [illegible] [illegible] [illegible] minimum [illegible] [illegible] [illegible] diximus tamen elasticitatem [illegible] [illegible] extremo [illegible] [illegible] [illegible] [illegible] maximo [illegible] [illegible] [illegible] maxime [illegible] partium [illegible] [illegible] [illegible] que [illegible] elasticitati [illegible] [illegible] statum restitui [illegible] [illegible] [illegible] [illegible] corpora [illegible]

Elasticitatis vero causa [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] angustiorem [illegible] ampliore [illegible] [illegible] compositum angustiorum [illegible] [illegible] [illegible] causa [illegible] [illegible] statum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in pristinum statum [illegible] elasticitatis [illegible]

et-

[illegible] seu [illegible] quorumcumque corporum elasticorum sive [illegible], sive animalium [illegible] elasticitas [illegible] etiam in vacuo boileiano eadem [illegible] est [illegible], ut [illegible] experimentis [illegible] Hauksbeo [illegible] constans elasticitas in vacuo boileiano [illegible] non est aut [illegible] portione aliqua [illegible] aut [illegible] extracti aeris [illegible] post [illegible] elasticitatem [illegible] perseverat [illegible] at [illegible] nam imprimis [illegible] remaneat in vacuo [illegible] elasticitas [illegible] enim [illegible] materiae [illegible] materiae [illegible] communicatu [illegible] sed [illegible] variationem in elasticitate corporum observarunt [illegible] per experimenta [illegible] cujus rei explorarunt"

[illegible] ut animalia [illegible] quando [illegible]

[illegible] ceu [illegible], et alia corpora quae ab igne liquescunt

Non alia propterea [illegible] ad [illegible] tione [illegible] quatenus elastic [illegible]

[illegible]

[illegible] compressum [illegible] necesse est ut ad priorem situm et [illegible] [illegible] vel extinguatur [illegible] resistente vi vel [illegible] [illegible] [illegible] [illegible] [illegible] videmus arcum [illegible] quae rursum [illegible] [illegible] elasticitatem amittere [illegible] [illegible] principium oppositorum opposita causa est. Unde [illegible] etiam elasticitatem [illegible] attractione [illegible] [illegible] [illegible] autem est attractionis [illegible]

Quid sit fluiditas [illegible] [illegible] [illegible] [illegible] antequam [illegible] [illegible] [illegible] [illegible] [illegible] sensationem humoris ut [illegible] [illegible] [illegible] [illegible] non cohaerent [illegible] propterea quia [illegible] Nos autem generatim aggredimur investigandam fluiditatis [illegible] [illegible] [illegible] [illegible] [illegible] cum [illegible] cohaerent [illegible] [illegible] [illegible] an sola [illegible] [illegible] [illegible]

[illegible]

falsum est fluidorum naturam et proprietatem
motum intestinum exigere
cum nostris experimentis ostenditur
motum hunc in pluribus fluidis
nequaquam haberi

[illegible] Experimentis [illegible] in superiori [illegible] conc[illegible] [illegible] ex auro aut ex argento aut ex plumbo componatur si [illegible] motum [illegible] potius [illegible] [illegible] eorumdem moveri non possint [illegible] [illegible] [illegible] mutuo se petant et prorsus quiescunt cum vires attractrices ad equilibrium pervenerint nisi [illegible] accesserit externa causa quæ superet vim attractivam et saltem [illegible] [illegible] [illegible] [illegible] possident eadem corpora quæ motum intestinum superstitem non haberent. [illegible] non habent superficiem perfecte politam quia constant ex partibus semper minoribus poros inter se relinquentibus et proinde superficiem asperam habentes motum omnem brevi videntur amittere [illegible] si ponantur in loco quieto, Hæc sunt [illegible] [illegible] 3. [illegible]

[illegible] [illegible] [illegible] in [illegible] motu partium intestino habetur [illegible] etiam in [illegible] [illegible] [illegible] fluere [illegible] me[illegible] talis dum igne solvuntur secundum in aqua dum concrescit in [illegible]

[illegible] [illegible] argumentum [illegible] [illegible] [illegible] Gulielmino inter [illegible] naturalia et artificialis et [illegible] ad naturalia [illegible] [illegible] [illegible] argumento [illegible] inhereat responsio neque metalla igne soluta [illegible] [illegible] [illegible] motum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] attribuit [illegible] [illegible] [illegible] sit activitate coherentie nisum excedens corpuscula [illegible] a mutuis contactibus [illegible] [illegible] motu [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] eius motum sequantur nimirum rotundas qua posita figura mirum non est [illegible] [illegible] [illegible] cum a sphærica figura maxime [illegible] corporum [illegible] [illegible] ratione et experimentis [illegible] [illegible] demonstravimus, [illegible] est quod igne [illegible] [illegible] solutis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] neque [illegible] denum restituitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sum est aquam fluentem in[illegible] sensibili motu agi [illegible] [illegible] diximus, [illegible] (do ab illa etiam intestina partium agitatione [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] moveri aquæ [illegible] [illegible]scula quia prorsus revulsa a mutuis contactibus [illegible] [illegible] [illegible] substantie [illegible] ipsi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] potuerint [illegible] [illegible] [illegible] agitantes [illegible] et [illegible] [illegible] [illegible] mutuis contactibus [illegible] quasi [illegible] adeout aquam congelari [illegible] non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] experientia [illegible] glacies [illegible] in [illegible] volumen ut satis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quod etiam [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] experimentis. Cum enim [illegible] [illegible]

[illegible] mensuratus ope [illegible] trochi [illegible] aqua autem [illegible] conversa [illegible] intumuerat [illegible] trochum [illegible] metallica [illegible] elevet [illegible] vase [illegible] aquam [illegible] et [illegible] expressa erant [illegible] [illegible] instituebatur [illegible] continuum [illegible] aquam [illegible] vehementissimum [illegible]

[illegible]

[illegible] 10

Ex sententia itaque constat aquam non abstergere [illegible]

[illegible] et vehementi succus [illegible]

[illegible] sed esto aliquando

contingere [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

dispergi presertim si aqua ipsa fuerit [illegible]

[illegible]

[illegible]

[illegible] Ergo [illegible] solide [illegible] et [illegible]

maxime superantur. Sed etiam hoc intelligi nequit sine [illegible]

[illegible] ex eo quod particule aque magis

[illegible]

[illegible]

[illegible]

[illegible]

mixtione fluidorum cum [illegible]

[illegible]

effervescentie. Ergo putrescit per motum intestinum

[illegible] putrescit et [illegible]

[illegible]

[illegible]

[illegible]

[illegible] continent spontaneum

[illegible]

[illegible] motum [illegible] aptum ad producen[illegible] [illegible]
sed non [illegible] talem motum [illegible]

Propositio [illegible]

[illegible] maxime [illegible]
[illegible]

[illegible] partes [illegible]
[illegible] quae [illegible]
[illegible] mercurius [illegible]
[illegible] condensa[illegible] [illegible] supra [illegible] et [illegible]
[illegible] consideratus non nisi [illegible] exhibuit [illegible] in obscuro [illegible]
[illegible] a [illegible] vero [illegible]
[illegible] in suis particulis [illegible]
[illegible]
[illegible] maxime [illegible]
[illegible]
[illegible]
[illegible]
[illegible] partes [illegible] inter se relinquunt vacuo, itaque minores partes
[illegible] sale
in aqua [illegible]
[illegible]
[illegible]
[illegible]
[illegible] Quae omnia in
[illegible]
[illegible]
[illegible] et prorsus
[illegible] efficiunt [illegible]

[illegible] irregulares, [illegible] experientia [illegible] representat sive attendantur fluidorum proprietates, quae sphaerice adiquiro[illegible] mirificae [illegible] habent dum mobiles exercentur contactus unde partes corporum [illegible] dimoventur et cuicumque exeunt ut facillime [illegible] affirmandum [illegible] figurae dispositionem aut sphaericam aut proxime accedentem ad sphaeram idoneam [illegible]

Tres. Mercurius est maxime [illegible] quae probatur [illegible] Mercurio [illegible] maxime [illegible] cum maxima [illegible] rorum coordinatio. Ergo.

[illegible] non numerus porrorum, sed eorum am[illegible] maxime aliis partibus compacte. Ergo

[illegible] esse [illegible] maxima [illegible] summa [illegible] [illegible]

[illegible] non [illegible] [illegible] [illegible] [illegible] contractibus [illegible] sunt inepte. Ergo

Distinguo [illegible] [illegible] concedo immutata in eorum partibus [illegible] [illegible] immutato [illegible] [illegible] [illegible] [illegible]

[illegible] um [illegible]issimam ignis texturis [illegible]

[illegible] num in [illegible] non [illegible] dari aliquod fluidum quod esset [illegible] gravius alter [illegible] in [illegible] 14 [illegible] gravitatem [illegible] vas [illegible] um [illegible] [illegible] magna [illegible] quae [illegible] est [illegible] quo summa soliditas omnium sphaerularum maior semper erit [illegible] rum [illegible] suo [illegible] plus materiae continere [illegible] quam [illegible] quae requireretur ad [illegible] [illegible] apparet quod [illegible] fluidum aliquod [illegible] gravius [illegible]

Argumentum [illegible] quod teste [illegible] primus [illegible] Galileo [illegible] non parum urgere [illegible] enim existimamus cum Galilaeo [illegible] corpusculorum quam [illegible] necessariam ad fluidorum naturam [illegible] particulis primigeniis derivandam esse quae particulae [illegible] [illegible] [illegible] non admittunt interspersa vacuola [illegible] necessario resultant ex [illegible] unione [illegible] [illegible] in hac enim sententia efficax adeo est ut nulla [illegible] ratione [illegible] argumentum [illegible] [illegible] et non solum [illegible] [illegible] elementorum mixtione [illegible] maxime [illegible] non [illegible] quo enim in fluidis illi [illegible] [illegible] sed ulterius [illegible] quae [illegible] disseminantur inter particulas primi[illegible] [illegible] [illegible] elementorum unione debent resultare

[illegible] fluidum [illegible]

[illegible]

De Corporum Inertia

Ex soliditate et impenetrabilitate partium materiae [illegible] [illegible] omnibus [illegible] [illegible] [illegible] vel partium vel omnino; hæc igitur inertiae vis corpo[ribus] omnibus communis [illegible] non est [illegible] [illegible] Hæc tamen vis non est princi[pium] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in intrinsece et componi debent [illegible] ut ambo in eadem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] modo ad unum modo ad [illegible] inertiam esse proprietatem cor[poris] [illegible] distingui a gravitate seu gra-

gra-

gravitatis [illegible] effectum [illegible] sive [illegible] gravitas vis est quae cor[illegible] tantum [illegible] [illegible] [illegible] [illegible] vero media sunt sive horizontaliter sive verticaliter [illegible] a causa extrinseca [illegible]. Inertia igitur [illegible] [illegible] et [illegible] materia [illegible] igitur extensum et [illegible] natura sua [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] sunt incorporeas facultates neque [illegible] [illegible] [illegible] [illegible] [illegible] attractio et gravitas [illegible] mox [illegible] et [illegible] non sunt [illegible] materiae [illegible] [illegible] [illegible] [illegible] sunt [illegible] [illegible] corpora [illegible] secundum [illegible] [illegible] naturae circumstantias [illegible] [illegible] quae videmus:

De Gravitate Corporum

Quamquam omnia corpora [illegible] natura [illegible] [illegible] [illegible] [illegible] [illegible] centrum [illegible] [illegible] in [illegible] aere vel in [illegible] vacuo [illegible] [illegible] [illegible] a quibus [illegible] corpora [illegible] [illegible] [illegible] gravitas [illegible] ac gravitas [illegible] omnia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] si a tellure fuerint [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] gravitatis [illegible] [illegible] [illegible] [illegible] [illegible]

517

non destruitur quod probat omnia corpora gravia, & adeoque gravitatem universalem materiae proprietatem.

Verum tamen si quis nequit sibi suadere aerem et ignem corpora gravia [illegible] cum [illegible] ignis sursum ferantur nec pondus sustineant [illegible] [illegible] [illegible] igitur speciatim demonstrare aerem et ignem gravitate donari.

Quod [illegible] igitur primo ad aerem gravem, tum ex experimentis [illegible] vitreum [illegible] quod in [illegible] [illegible] [illegible] [illegible] [illegible] instrumento machinae pneumaticae aer ex [illegible] extrahatur [illegible] obturato [illegible] [illegible] [illegible] in pristino [illegible] [illegible] [illegible] cum non [illegible] [illegible] cum eodem [illegible] [illegible] [illegible] [illegible] [illegible] restituitur cum in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] permittitur [illegible] [illegible] experimento [illegible] esse debet [illegible] alia ex causa [illegible] debet [illegible] experimentum in vitreo vase exantlato [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] experimento [illegible] in me [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] gravitatem sed [illegible] experimento veritatis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Quod vero pertinet ad ignem [illegible] ignea substantia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] gravis tamen sublata aeris pressione suo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] pondus examinaverat selecta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] adeo erat calor ut sine [illegible] [illegible]

[illegible] vero alteri additum illius auget pondus sane grave est [illegible]

[illegible] quoque gravem esse

Adversus aeris gravitatem ita opponunt adversarii: Si aer gravis esset et premeret subiecta corpora [illegible] ratione basis, et [illegible] calculatores aëream columnam quae ad pedis [illegible] vel [illegible] altitudinis aequam in antliis ure[illegible] suus sustinet ponderare debere libras Parisienses [illegible] aqua columna in antliis elevata ad [illegible] autem [illegible] opprimeremur cur non [illegible] Hoc autem [illegible] cumque premente corpora impediri deberet [illegible] communis est [illegible] suis in locis non gravitant. Ergo

[illegible] quaque [illegible] [illegible] sustinet [illegible] pars aliqua e suo naturali situ [illegible] ex aliis nititur separari [illegible]

[illegible] aequaliter [illegible] undique [illegible] aeris [illegible] aequaliter comprimimur neque ulla [illegible] et [illegible] vacuo contineat non [illegible] inaequaliter [illegible] per continuam [illegible] testimonium [illegible] aquarum mole [illegible] alia sane de causa nisi quia aequaliter undequaque [illegible] sensu [illegible] quod [illegible] circumstantes omnes [illegible] suum nisum in nostra corpora exerceant. Quomodo enim non [illegible] tanta [illegible] immersa [illegible] sustinentes [illegible] contactu [illegible] cum [illegible] columnis [illegible] [illegible] rescant et dilatentur nec [illegible] domus, et alia id genus aeri subjecta [illegible] minimam [illegible] causa est ut proiciant partes corporum, quae nullum venientibus contrarium [illegible] [illegible] orum et [illegible] supposita vero diversa in seminibus partium structura atque dispositione. Ex maxima quoque aeris poros [illegible]

[illegible] res ad alia corpora graviora [illegible] lignum [illegible] et pa[illegible] et gossipium dicuntur [illegible] aurum, ferrum, marmor et alia id genus [illegible] [illegible] specifice leviora corpora sunt in se [illegible] gravia et [illegible]

[illegible] velate ad [illegible] corpora [illegible]
est ponderosus et in se absolute [illegible]

[illegible] corpora [illegible] elementa [illegible]
[illegible]
[illegible] in sua corpus absolute
vertur deorsum aut [illegible]
[illegible]
[illegible] corpus [illegible] tendentis secundum
[illegible]
ratione inter gradus [illegible] et gravius alterius ponderis [illegible]
[illegible] constituamus [illegible] corpora [illegible] tendentis [illegible]
[illegible] nec [illegible] nitus in equilibrio consistent [illegible]
[illegible] sexdecim ex summa librarum
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] respectiva [illegible]
gravitatem [illegible] gravitatem [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Ex his patet responsio si urgeatur corpora [illegible] aquis immersa omnino
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] ad unum

[illegible] aqueisque particulis [illegible]

[illegible] observare [illegible] ex vase seu [illegible] ex vitreo [illegible] consentiuntur [illegible] vasis [illegible] extractum [illegible] est

[illegible] aer esset gravis non [illegible] sentimus [illegible] resistentiam [illegible] aer [illegible]

[illegible] gravitas [illegible] premimur [illegible] et [illegible] gravitas communis est [illegible] aqua [illegible] versus aqua [illegible] [illegible]

[illegible] crasim

[illegible] ignis gravitatem [illegible] directione moveri gravitatis directione contraria

Verum concedo ignem sursum [illegible] sed non inde [illegible] est [illegible] gravem [illegible] tantum [illegible] sursum ab aqua [illegible] deorsum [illegible].

[illegible] experimenta [illegible] In academia igitur Florentina [illegible] habitum est [illegible] experimentum [illegible] ignita [illegible] aëra [illegible] cum se restituit [illegible] experimento [illegible] ex vapori[bu]s [illegible] aëre [illegible] carbone [illegible] quasi gravior [illegible] experimentis [illegible] considerunt [illegible] ex superioribus experimentis [illegible] mus.

[illegible] gravis [illegible] tantum abest [illegible]

[illegible]

[illegible] casbea in oper[illegible]
tium accepta secundum massam aucta [illegible] quod magis animadver-
tendum est aerem in [illegible] cui imposita fuit [illegible] rarescere debuis[illegible]
[illegible]
[illegible] fluido [illegible]
[illegible]
nem quoque [illegible]
[illegible]
faciem ejusque [illegible]
[illegible]
[illegible] deorsum [illegible]
[illegible] eandem vero supi-
[illegible]
equilibrium.

[illegible] flamma ignea sursum fertur ex pressione [illegible]
[illegible]

[illegible] sursum pellitur ignis.

[illegible] constringitur ab aere [illegible] sursum [illegible] [illegible] gravis non est aer, vel gravis non est ignis, sed absolute levis.

[illegible] sentiri in aqua. Experiatur enim aliquis [illegible] nisi summa vis sit ibi [illegible] mentior

[illegible] ad hydrostaticam [illegible] gravitatem minorem esse quam aeris communis; [illegible] ignea substantia ea intelligenda [illegible] constituit, et in nobis caloris sensum producit. Hanc itaque dico aere [illegible] sursum [illegible]

[illegible] in [illegible] eo [illegible] vapor [illegible] accendi, primum [illegible] igneas et [illegible] particulas [illegible] [illegible] tum earum specifica gravitate, [illegible] vero [illegible] cum [illegible] semper [illegible] tur instaurans primi aeris [illegible] et resistentiam imo sua [illegible] in continuum ruens propter [illegible] et [illegible] aeris [illegible] ignis vehementia tam sive igneas sive [illegible] particulas secum sursum rapit.

[illegible] dubitat corpora specifice minus gravia fluidis [illegible] immersa absolute [illegible] sursum ferri [illegible] certissimam [illegible] observationem [illegible] [illegible] in [illegible] tum sub liquore [illegible] [illegible] sive [illegible] sursum [illegible] et cum aliquo pondere [illegible] [illegible] [illegible], [illegible] per aquam ascenden[illegible] [illegible] observabis [illegible] aequilibrium servare et [illegible] [illegible] sive in aqua omnino immersum [illegible] vasis fundum [illegible] sive [illegible] a superficie fluidi [illegible] sive [illegible] in summa superficie [illegible] vero corpora [illegible] specifice [illegible] immersa propria levitate ascenderent [illegible] sive [illegible] sive quiescerent [illegible] [illegible] quippe est [illegible] [illegible] et [illegible] sursum tendere. [illegible] [illegible] si ignis [illegible] aer sunt corpora gravia [illegible] [illegible] [illegible] gravia [illegible] universi [illegible] sunt gravia [illegible] [illegible] [illegible] experimentis [illegible] [illegible] [illegible] si gravis est [illegible] gravis [illegible] vapores qui [illegible] nubes [illegible] vapores [illegible] aeris [illegible] [illegible] est [illegible] [illegible] gravitas.

[illegible] corpora gravia [illegible] [illegible] corpora [illegible] enim universi [illegible] ut posito altero ex contrariis sit alterum contrarium [illegible] ab [illegible] natura [illegible] sunt corpora

ut diversa quoque loca petant [illegible] centro recedendo [illegible] ad ipsum descendendo. Ergo sunt corpora [illegible] corpora gravia

[illegible] Debet posito uno ex contrariis poni [illegible] negative concedo, positive nego. Sic tenebrae et lux sunt duo contraria, adeoque non existente luce recte conducitur tenebras esse sicuti econtra, sed non inde inferri potest tenebras esse aliquid entitativum positive existens, sed tantum significatur mundum luce privari. Eodem autem modo [illegible] levitati quo lux tenebris. Unde metaphysice [illegible] si corpora non essent gravia essent levia, sive improprie corpora aliis minus gravia dicere solemus levia respective ad majorem gravitatem qua [illegible] tur. Ostendimus autem absolute omnino nulla esse corpora non gravia, ergo datur gravitas non levitas absoluta in natura

[illegible] alterum concedo, eum ita [illegible] ut pro circumstantiarum varietate diversa et ad naturae officia exercenda consentanea deserent loca, gravitur tamen universalis gravitas; [illegible] que corpora a telluris centro rece[illegible] non natura sua ascendunt sed [illegible] praepollente vi, statuit enim Deus ut minus cedat majori, adeoque corpus minus grave in descensu vincatur a graviori, non tollitur autem gravitas in hoc casu in corporibus [illegible] sed tantum impeditur ejus effectus ab excellente alterius vi. [illegible] demonstravimus etiam ipsa corpora quae sursum feruntur etiam deorsum gravitare, ut ostendimus de igne et caetera. Ergo

[illegible] corpora sursum [illegible] ut [illegible] levitas [illegible] contra [illegible] gravitatem [illegible] etiam [illegible] et [illegible] turali nisu deorsum versus. Ergo

[illegible] esset [illegible] generatio cum [illegible] principio [illegible] in compositione [illegible] contra vim [illegible] in [illegible] sive sub [illegible] specie compositi [illegible] illud violentiam non patitur [illegible] naturae [illegible] sequitur [illegible] autem [illegible] ut quae sunt minus gravia gravioribus super emineant

Ergo.

Gravitate omnia corpora [illegible] demonstravimus; nunc vero quomodo exerceatur gravitas in corporibus est ostendendum. Primum itaque gravitas est massae proportionalis, seu semper ita ut in singulas aequales materiae particulas sit aequaliter diffusa, singulasque aequaliter deorsum agat; unde sequitur ut corpora omnia ex eadem altitudine decidentia, etiamsi magnitudine vel non magna differentia, eodem tempore idem spatium emetiri cadendo debeant. Neque enim huic aequo velocitati descensui obstat major materiae quantitas in altero corpore, quam in alio; nam utrumque corpus ea velocitate fertur qua singula quaeque eius pars movetur; partes vero sive in majore sive in minore corpore per se sumptae aequa velocitate feruntur; quare etiam eadem esse debet velocitas descensus corporum, vel magnitudine, vel massa inaequalium. Non enim aliud est discrimen nisi quod in majore plures sunt similes partes quam in minore eundem continentes velocitatis gradum ex propria gravitate. Altera autem aut minor partium [illegible] nihil addit singularum per se sumptarum partium pondus, quemadmodum duorum hominum aeque velociter currentium si in medio cursu prehensa manu pergant non accelerabitur in ipsis ob hanc causam velocitas et cursus. Quare cum omnes aequales partes aequaliter deorsum ferantur, [illegible] [illegible] aequalem esse [illegible] tam massarum velocitatem. Sin vero corporibus velocitatem a gravitate aequalem [illegible] experimenta demonstrant; nam sive corpora magna fuerint sive parva, sive aut plumbo [illegible] [illegible] ex eadem altitudine [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Id vero primus observavit [illegible] ubi [illegible] e auro plumbo vero una cum cerea ex altitudine centum cubitorum per aerem demisit; haec enim nempe cerea [illegible] quatuor quidem digitis est antiversa [illegible] in vacuo ex [illegible] autem [illegible] observationibus ex eadem altitudine pari tempore [illegible] [illegible] [illegible] [illegible] [illegible] aliter experimentum [illegible] in vacuo etiamsi [illegible] [illegible] [illegible] corporum figura mutetur, dummodo eadem [illegible]

massae, idem etiam manet pondus. Quare gravitas non solum exterioribus verum etiam intimis convenit partibus. Nam alioquin mutatis superficiebus mutaretur quoque pondus sicuti et velocitas, variato namque situ, partes quae interiores erant, exteriores fiunt, et vicissim. Quia igitur massae elementa aequali urgentur vi gravitatis, quare crescit totius massae pondus ut elementorum aequalium numerus, sive crescit pondus ut massa, adeoque pondus est massae proportionale et vicissim. Quod si per aerem aversa corpora, licet volumine et magnitudine aequalia, pro varia eorum materiae quantitate inaequali velocitate et diverso tempore easdem altitudines emetiuntur, haec differentia non probat gravitatem non esse massae proportionalem, neque enim haec velocitatis differentia provenit a natura ipsorum et inest corporum quae eadem est tam in vacuo quam in pleno, sed a medio aereo resistente, et minus retardante graviora corpora quam quae minus gravia sunt, quia haec ceteris paribus minorem habent gravitatem, ampliorem que superficiem quam graviora, quamobrem illis agendum est in descensu adversus majorem resistentis medii copiam, unde major provenit ipsorum retardatio.

Posita gravitate materiae proportionali facile est discrimen solidae quantitatis, et poros cognoscere in duobus corporibus magnitudine seu volumine aequalibus ex diverso ipsorum eorum pondere in vacuo, nec non ex diversa eorumdem velocitate in descensu per aliquod medium fluidum.

Gradus ille gravitatis qui in duobus corporibus ejusdem voluminis in vacuo ponderantur eorum gravitas specifica appellatur. Per hanc deprehenditur absoluta materiae quantitas in utroque; si enim moles suberis pondere unius unciae, aequalis auri moles ponderat ex experientia uncias 87, erit igitur substantia corporea in subere ad illam in auro ut unum ad 87, atque in hac proportione sunt quoque ipsorum vires gravitatis positoque aequali volumine. Cum pondus sit duntaxat quod substantia est corporea, pondus autem est ad pondus ut massa ad massam ut supra notavimus.

Gravitas pon[illegible]

comprehenditur in ratione inversa [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vers et [illegible] [illegible] demonstravimus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sunt [illegible] sunt [illegible] [illegible] [illegible]

[illegible] [illegible] comparandi [illegible] [illegible] [illegible] quantitatem materiae [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] corporis in inversa [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] comprehenditur in [illegible] [illegible] [illegible] [illegible] [illegible] comprehenditur [illegible] [illegible] [illegible] in [illegible] que sunt [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in insulis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] a terris [illegible] [illegible] [illegible] [illegible] [illegible] ut eodem tempore [illegible] Europa [illegible] minor gravitas [illegible] [illegible] minor gravitatis [illegible] [illegible] [illegible] [illegible] [illegible] corporum [illegible]

[illegible] [illegible] [illegible] ut eodem [illegible] [illegible] corpore [illegible] [illegible] [illegible] [illegible] [illegible] materiae [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] non [illegible] post [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] experimentum [illegible] [illegible] institutum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] pondus non sans [illegible] seu inaliae aquae attributum est.

[illegible] sunt qui [illegible] gravitatem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] sunt proposita [illegible] quae [illegible] [illegible] Itaque [illegible] ducibus rem compleamus

De Legibus Gravitatis

[illegible]

Propositio Prima

Gravitas motrix est quantitati materiae proportionalis

Ex [illegible] experimentis [illegible] corpora [illegible] [illegible] gravitas, gravitas est in ratione [illegible] [illegible]

[illegible]

[illegible] pro quantitates materiae [illegible]

materiae proportionalis

[illegible] corporum quorum unumquodque [illegible] quales sunt in [illegible] [illegible] motu [illegible] velocitate [illegible] corporum [illegible] [illegible] [illegible] [illegible] experientia [illegible] patet. Majorem vero probat illud quod si corpora equalia sint voluminis [illegible] [illegible] [illegible] horizontem [illegible] [illegible] [illegible] partium [illegible] [illegible] debent [illegible] propelli [illegible] corpora [illegible] [illegible] equalis voluminis [illegible] equalem numerum particularum [illegible] ob causam corpori voluminis majoris magis resistere aer deberet quam corpori voluminis minoris, si utrumque sit [illegible] [illegible], quod tamen experientia [illegible] demonstrat.

Respondeo [illegible] [illegible] [illegible] corpora [illegible] [illegible] [illegible] aequalem ab aere resistentiam pati debere absolute, quando [illegible] [illegible] [illegible] [illegible] [illegible] velocitatis [illegible] [illegible] [illegible] [illegible] corporibus a, et b [illegible] magnitudinis [illegible] [illegible] [illegible] unum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] corpus a urgetur in medio resistente [illegible] [illegible] et propterea in corpore b [illegible] [illegible] [illegible] jam vero [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] factus sit in utroque corpore a, et b [illegible] unum gravitatis [illegible] [illegible] [illegible] [illegible] corpore a unus [illegible] [illegible] gradu gravitatis [illegible] [illegible] sum urgetur et in corpore b erunt septem reliqui gradus [illegible] [illegible] [illegible] [illegible] [illegible] corporis a [illegible] partes [illegible] [illegible] [illegible] cum tribus quartis, major scilicet illa [illegible] corpus a urgetur [illegible] corpus b [illegible] [illegible] [illegible] ut videamus modo quomodo ob eamdem medii resistentiam omogenea corpora, scilicet ejusdem densitatis, sed diversae magnitudinis [illegible] [illegible] descendant. Sint duo cubi a, et b quorum a [illegible] [illegible] [illegible] lateribus b juxta Euclidis elementa cubus a [illegible] [illegible] et quantitate materiae octuplus erit cubo b [illegible] [illegible]

sive magnitudine quadruplus. Ponamus item ut supra in medio non resisten te quo corpus b deorsum urgetur duorum esse graduum, et propterea in cubo a illius octuplo graduum sexdecim, iam dedicant corporis in medio resistente quia in aere quitantum venitatur ut corpori cum libet gravitati gradum .... cubico a cuius quadrupla est superficies quibus cum gra ... gradus demat corpori a in hoc casu duodecim supersunt gravitatis gradus corpori vero b unus tantum. ... gravitatis gradibus ... per octo partes ipsius cubi a earum singulis distributis ... corpori b ... sunt convenient gradus unus cum ... cum interim corpus b valeat gravitatis gradus unico. Vis igitur accelatrix corporis a sexqualis est eius que convenit corpori b ideoque celerius cadit a, ... cubus b ...

... ex ... tatica. Eadem quantitas aquae in vase divergente minus ... quam in vase ... ravitat autem aqua in utroque. Ergo ... sunt ... specifice graviora et tamen si in cavum globum aut vas aliqua ... conformetur ... aquae ... manet ... quantitas. Ergo ... ideo. Ideo eadem vel etiam maior ... quantitas minus premit ... divergenti quia eius gravitas ex divergentibus lateribus ... ex parte sustinetur ... autem ... premit fundum quam ... in vase ... eadem ... quantitas magis ... a ... sursum ... in altero a ... basim earum ... gravitati ... quocunque modo basim ... tur, et ... proinde ...

... vero pondera ... minime pendere ... ex ... variaventur figure ... contrarium est experientiae ... quamcumque demum corpus subeat figuram ... corpora specifice graviora innatant levioribus, quia corpora leviora subiecta sunt

quidem natura sua minus gravia sed non spectatis eorundem columnis qui
eis imminet corpus natura sua specifice gravius. Sic aurum plumbum ferrum
[illegible] cava constituuntur aquae innatant quia eadem manente materia ita eo-
rum augentur [illegible]
[illegible]
[illegible]
[illegible] difficultatis solutionem sibi vincat hydrostatica

[illegible]
[illegible]
variatur etiam sola corporis positione [illegible] ut patet in acu quae perpendiculariter aquae
[illegible]

[illegible] Cum [illegible]
[illegible] in aere hinc inde [illegible] et cavitatem in medio constituunt ut patet experi-
[illegible] vel acus iam versetur vel bractea cum aere
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
super acum, vel [illegible]
[illegible]
[illegible] ita deorsum [illegible]

[illegible] primo corpus [illegible]
[illegible]
[illegible]
[illegible] subsistat non [illegible]

[illegible] vasas [illegible] quod etiam [illegible] immersae [illegible]

[illegible] Corpus ad [illegible] sursum trahatur ob magnam [illegible] [illegible] aqua in corpus [illegible] in eo [illegible] spatio [illegible] rerum [illegible] vasa omnia maxime [illegible] [illegible] corpus [illegible] cum aqua [illegible] eorum [illegible] superfluere [illegible] ut innatet

[illegible] catenam [illegible] aquae immersus [illegible] catenae [illegible] materiae quantitatem [illegible] crescere [illegible] gravitas [illegible] catenam [illegible] [illegible] in [illegible] cum aqua [illegible] [illegible] [illegible] debent [illegible] catenae [illegible] et gravitatem debent augere [illegible] [illegible] motu agitatissimo [illegible] gravitatem [illegible] [illegible] quam [illegible]

Propositio

Gravitas acceleratrix corporum terrestrium in diver[illegible] [illegible] [illegible] quadratis distantiarum [illegible]

[illegible] [illegible] est gravitatem [illegible] quadratis distantiarum [illegible] gravitas [illegible] quadratorum distantiae [illegible] in [illegible] minuitur ratione [illegible] augetur [illegible] A et B quorum unus [illegible] centro [illegible] alterum [illegible] gravitas corporis A [illegible] gravitatem corporis B

ut quadratum distantiae b ad quadratum distantiae a, nempe ut quadrati centum ad [illegible] , quod [illegible] dandum est nam gravitatis [illegible] ostendi [illegible] incrementa corporum circumferentium eo quod semidiameter telluris talis sit ut minimum semper contineat discrimen extremarum distantiarum a centro quorumcumque considerantur [illegible] montium cacumina [illegible] ex motibus [illegible] in [illegible] [illegible] eam [illegible] colligi posse [illegible] non sit ostendi gravitatem [illegible] ipsa [illegible] descendere in distantia qua modo est esse ad gravitatem corporis prope terrae superficiem [illegible] ratione quadrati [illegible] quadratum distantiae corporis a centro ad quadratum distantiae [illegible] est [illegible] gravitatem in [illegible] a telluris centro [illegible] reciprocam quadratis distantiarum [illegible] ita demonstratur.

[illegible] a centro telluris communiter statuitur sexaginta circiter semidiametrorum [illegible] distantia vero corporis terrestris a centro eodem semidiametro unius [illegible] [illegible] sex centum ac unum [illegible] ut patet demonstratum est [illegible] ratione [illegible] se habere quadratum quod terrestre corpus [illegible] actum ubi ut tantum centrali [illegible] [illegible] 5/2 3 7 [illegible] 9 [illegible] [illegible] 3 [illegible] [illegible] descendit [illegible] [illegible] [illegible] unus versus ejusdem arcus, jam vero

ut

[illegible] 23 ½, 0.373 [illegible] 35 32733 7521 [illegible]
cum Parisiensum circiter 15 [illegible] est tempore unius minuti primi [illegible] Parisiens[illegible] 15
Videamus modo spatium quod [illegible] telluris superficiem describit [illegible]
Honus ex Hugenii observationibus demonstrat spatium a gravi descriptum quolibet minuto secundo [illegible] pedum Parisiensium [illegible] pedum Parisiensium 5400 [illegible] pedum Parisiensium circiter 15 quadratum [illegible] est semidiametrum terrae [illegible] 3600 [illegible] 5400 [illegible] 3600 ad unum [illegible]

Sed dices hujus probatum duntaxat est dictam gravitatis legem servari a [illegible] ad corpora terrestria. Non vero a corporibus terrestris [illegible] legem gravitatis [illegible]

[illegible] universalis [illegible] Newtono [illegible]

[illegible]

[illegible] rationem [illegible] sensibilem rationem, sed physice sint ut nulle.

Quod si quis [illegible] minimum [illegible] diametrum [illegible]

[illegible] cum Campanella in considerationibus [illegible] ad libellum [illegible]

[illegible] 3791079600 [illegible]

[illegible]

[illegible] quare non scribimus [illegible]

[illegible]

[illegible] et [illegible] quod Luna [illegible] versus terram [illegible] [illegible] minuisi [illegible] error [illegible] est insensibilis [illegible] mensura [illegible] nihil [illegible] constitutionem [illegible] a [illegible] [illegible]

[illegible] eiusmodi data gravitatis lex adversatur Galileanae gravium accelerationi [illegible] quod [illegible] [illegible] distantiis [illegible] eiusdem actio [illegible] erit [illegible] quam [illegible] statuit [illegible] in terrestribus [illegible] [illegible] motus [illegible] cum [illegible] satis a nobis posita. Nam illud gravitatis decrementum [illegible] in diversis a terrae centro altitudinibus, in quibus experimenta capi [illegible] ut nullum [illegible] sit [illegible] Cheilus Moschembrokius [illegible] in [illegible] gravium circa terram [illegible] gravitatis actio in eadem regione [illegible] constans tuto cum Galileo ponatur [illegible] etenim non desunt experimenta quibus terrestrium corporum gravitas in maioribus supra superficiem terrae altitudinibus minor [illegible] sit quam in minoribus [illegible] gravitatis discrimen [illegible] a Mathematicis fuit deprehensum in summitate montis [illegible] anno 1466 [illegible] [illegible] ubi ut [illegible] singulis minutis secundis aequaliter oscillaret [illegible] in subiecta [illegible] aequaliter haberetur [illegible] debuit [illegible] contrahi cum sexaginta [illegible] centesimis, [illegible] [illegible] oscillantium [illegible] longitudine differant [illegible] esse gravitas acceleratrix maior in longioribus in brevioribus minor, cum itaque in eorum montium [illegible] oscillatio pendul[illegible] fuerit ratione breviorum [illegible] minor in vallibus [illegible] maior ratione [illegible] [illegible] esse debuit gravitas

[illegible] patrum quod Luna sola vi gravitatis uno primo minuto secundo va-

ravei non est ominicum necum Parisiensium. Ergo locoenim spatium illud nedum fundeum statuitur quia procedit assumitur orbitam quam lunae describit esse circularem. a vero falsum est demonstrante Neutono lunam in elipsim agere in cuius foco altero terra sit posita.

Respondeo . lunae utique elipsim describi in de tamen minime consequi falsam esse traditam demonstrationem. Nam utut circularis orbita satis ab eliptica differat minimi tamen utriusque arcus sunt ferme iidem cum itaque in demonstratione nostra arcum omnino exiguum assumamus, idem perinde est sive lunaris orbita eliptica sit, sive circularis.

Dices legem hanc conveni aliis legibus circa gravitatem a Neutono propositis. Ut enim docet gravitatem augeri, vel minui in ratione simplicium distantiarum reciproce docet etiam eamdem gravitatem augeri in ratione simplicium distantiarum directe quarum primam quoque docet Toricellius, secundam ut universalem statuunt sapientes de Kaes Fermat et alii. Jam vero positis his legibus destruitur ita quod in ratione quadratorum distantiarum sit proportionalis gravitas

Respondeo . Si primam legem quod attinet eam utique statuit Neutonus, sed in distantiam corporibus obtinere docet quae in ipsa telluris superficie versantur cum sicut ea ob spheroidem telluris figuram in aequatore elevatam depressam in polis non aequaliter ubique ab eius spheroidis centro distent eorum pondera statuit reciprocam simplicium distantiarum a centro rationem sequi. Haec vero gravitatis lex licet a lege de inversa quadratorum distantiarum ratione abhorrere videatur eidem tamen maxime congruit quemadmodum totum de gravitate Neutonianum Sistema.

Alteram autem gravitatis hypothesim amplectitur vix dum imus nos iis corporibus quae a telluris superficie terram ipsam ingrediuntur et deorsum descendunt. hoc enim legem hanc optime conciliari ipse cum lege nostra liquet ex edito ex propositionibus 73 libro primi et nona libri tertii.

di-

De Gravitatis Causa

Causam gravitatis [illegible] materia [illegible] et Cartesianam [illegible] esinu terre [illegible] ab centra omnium [illegible] tanquam a [illegible] naturae [illegible] vero materiam [illegible] cum vorticoso motu circumactum non esse causam gravitatis [illegible] quas attulimus [illegible] veneam [illegible] materiam non esse causam attractionis [illegible] vero intelligi nequit quomodo ipsa materia circumagens omnia corpora [illegible] ea omnia in unum centrum [illegible] cum omnia corpora [illegible] constituant sui [illegible] nempe materiae in qua [illegible] etenim hypothesim Cartesianam [illegible] est uria emanantia [illegible] gravis [illegible] quam [illegible] per inertiam [illegible] nent in eo statu, in quo sunt, ubicumque sint sive versus centrum sive longe a centro [illegible] causis [illegible] potest veluti gravitatis principium [illegible] pressione aeris corpora gravitare. Verum [illegible] enim unde aer premit corpora sibi subie[illegible] gravis est? Unde vero gravis [illegible] gravitatis [illegible] causa [illegible] patet ex eo quod [illegible] non sit gravitas corporum [illegible] namque corpora e[illegible] [illegible] ratione in aere non descendunt [illegible] non est principium [illegible] corporum [illegible] causa gravitatis materiae: [illegible] adversam, ut propria [illegible] remata. Verum ne tempus [illegible]

De tempore, et motu

[illegible] intelligantur naturae leges et modi operandi virium corporum tempora naturae [illegible] est [illegible] tempora [illegible] respondeant [illegible] posito equa tempora [illegible] motus corporum et rationes virium metiantur. [illegible] quam tempus ex [illegible] Philosophi [illegible] quam maxime [illegible] naturae tempora [illegible] est tempus [illegible] absolutum [illegible] verum et mathematicum [illegible] quod tempus apparens et vulgare appellatur. Tempus absolutum est [illegible] duratio [illegible] rerum [illegible] et [illegible] sine interruptione sine [illegible]. [illegible] autem omnino [illegible] rum observatio [illegible] potest. [illegible] terra [illegible] et [illegible] inaequalitates perpetuo [illegible] tempora [illegible] machinae tum [illegible] omnia corpora [illegible] naturae [illegible] sunt contingentes [illegible] motus [illegible] uniformis et aequabilis [illegible] aliquando sol [illegible] aliquando [illegible] naturales [illegible] diurna [illegible] majus nunc minus oportet. Tempus verum est aliqua absoluti temporis [illegible] corporum motu tamquam mensura [illegible] numquam sine aliquo [illegible] motus [illegible] determinari [illegible] igitur [illegible] tempore absoluto [illegible] quam [illegible] mente [illegible]

[illegible]

[illegible] motus [illegible] spatii universi immobilis [illegible] munem et [illegible] tunc [illegible]

desertum, se conservans eumdem situm respectu horum inter se quiescere videtur etiamsi cum illis ex proprio in aliud [illegible] locum [illegible] nostri [illegible] [illegible] ut contra [illegible] communi motu feratur quemadmodum [illegible] corpora [illegible] inerentia simul cum illa circa suum axem [illegible] [illegible] [illegible] [illegible] corporis [illegible] [illegible] omnia que moveri cernimus [illegible] [illegible] [illegible] est etiam varias [illegible] [illegible] enim absolutam que consistit in [illegible] constante ejusdem spatii est [illegible] [illegible] non est [illegible] situs [illegible] [illegible] corpora, [illegible] in systemate [illegible] [illegible] [illegible] terre [illegible] montes, urbes, [illegible] [illegible] [illegible] que aliis corporibus [illegible] [illegible] [illegible] que [illegible] quiescunt motu communi [illegible] [illegible] moventur et [illegible] [illegible] motu moveri videtur [illegible] revera quiescat [illegible] ex prora ad puppim [illegible] navis [illegible] [illegible] in [illegible] moveri [illegible] [illegible] [illegible] [illegible] [illegible] absolute videtur quiescens neque [illegible] puppim [illegible] [illegible] [illegible] [illegible] [illegible] motu [illegible] [illegible] [illegible] [illegible] [illegible] extinguere [illegible] corpus in [illegible] [illegible] [illegible] [illegible] eorum sententie qui motum [illegible] per [illegible] nem ex vicinia corporum que tanquam [illegible] [illegible] [illegible] quotiescumque enim vicinia mutaretur ut in [illegible] [illegible] [illegible] [illegible] prora ad puppim navis verus haberetur motus et quoties vicinia non mutaretur non [illegible] motus [illegible] omnia corpora [illegible] externam [illegible] [illegible] substantiam [illegible] [illegible] vicinia [illegible] [illegible]

[illegible]

[illegible] omnis [illegible] [illegible] potest [illegible] [illegible] motus instantaneus in momento indivisibili [illegible] [illegible] [illegible] [illegible] per omnes [illegible] spatii partes [illegible] [illegible] intermedias partes [illegible]

[illegible] sunt motus species [illegible] varias [illegible] affectiones [illegible] motus [illegible] [illegible] [illegible] [illegible] æquabilis inæquabilis acceleratus æquabiliter inæquabiliter [illegible] conspirans motui [illegible] [illegible] [illegible] conformis aut contrarius [illegible] [illegible] [illegible] [illegible] [illegible] singuli isti motus [illegible] Expendemus omnes [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] optimum est

[illegible] motus est in singulas moti corporis partes æquabiliter [illegible] [illegible] ubi movetur [illegible] omnes [illegible] partes in eamdem directionem conspirant [illegible] [illegible] majore vel minore massæ quantitate major vel minor est quantitas motus [illegible] non solum per massam [illegible] per celeritatem æstimare [illegible]

[illegible] est ea corporis affectio qua [illegible] [illegible] dato tempore certum [illegible] æquabiliter percurrendi [illegible] velocitas seu celeritas habetur [illegible] [illegible] [illegible] in ratione composita [illegible] directa spatiorum [illegible] [illegible] [illegible] nempe si celeritas dicatur C spatium S tempus T est C = S/T [illegible] C [illegible] C T [illegible] mobilium [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] respondentia tempora

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] massam in celeritatem [illegible] vero [illegible] [illegible] motus [illegible] [illegible]

[illegible] motu [illegible] affectionibus notatis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] motum [illegible] [illegible]

convenit mobili cum mobile tantum patiatur [illegible]
[illegible] est vel in alio. non primum quia numquam motum corpus [illegible] non
[illegible]
[illegible] et vim quo corpus ex altera loci [illegible]
[illegible] quidem a mobili [illegible]
[illegible]
[illegible] prout manet [illegible] neque ubi iam in alio reperitur sed ubi ex instino
[illegible] motus [illegible] veteres Peripatetici [illegible]
[illegible] existentiam [illegible] motus existentia [illegible]
[illegible] motus species [illegible]

De Motu Directo

[illegible] motus [illegible]
[illegible]
[illegible]

Motui directo opponitur motus reflexus

De Motu Reflexo

[illegible] reflexus est ille [illegible]
[illegible] reflexionis [illegible]
[illegible]
[illegible] potest motus reflexus [illegible] omni motu [illegible]
[illegible]
[illegible] resistentiam [illegible]
[illegible]
[illegible]
cessat motus directus et unde [illegible] reflexus et [illegible] motus reflexionis et [illegible]
nea incidentiae conveniunt in puncto [illegible]
[illegible]
[illegible] in sphaericis videlicet corporibus sit aequalis [illegible]

Propositio Prima

[illegible] primo [illegible]
aut [illegible] in quo incidit aut utrusque lateris
maxima [illegible]

[illegible] constructa corpora [illegible] reperit [illegible] postea [illegible] a pariete resilit quam terrea [illegible] a [illegible] rachete [illegible] non tantum [illegible] maxime [illegible] sine [illegible] per latera [illegible] partes anteriores [illegible] corporis repercutientis [illegible] et inferre in [illegible] [illegible] non tantum [illegible] [illegible] quae resiliunt [illegible] [illegible] [illegible] [illegible] [illegible] maximo [illegible]

Propositio Secunda

[illegible]

[illegible] a quo remittitur [illegible]

[illegible] potest [illegible] minimum nam corpus [illegible] est [illegible] positum non secun[illegible] nam quod motum non destruit [illegible] mutat motus determinationem [illegible] potest esse causa quietis [illegible] corpus [illegible] corpori [illegible] determinationem [illegible] non potest esse causa quietis [illegible] si aliqua quies [illegible] quia minima [illegible] motum [illegible] extinxerit motum corporis [illegible] non postea posset resilire nam sicuti ad minimum motum corporis [illegible] omnis [illegible] ita ad minimam ut ita dicam quietem extinguitur [illegible] corporis motus [illegible] et maximus [illegible] quies in puncto reflexionis non [illegible] unius duntaxat instantis moram seu moram [illegible] vel trium instantium nam quies est negatio motus in tempore [illegible] si [illegible] motus [illegible] unico instanti [illegible] quies [illegible] non resi[illegible] in primo instanti unde [illegible] cur resiliret in secundo aut tertio [illegible] enim [illegible] repulsionis [illegible] potest [illegible]

[illegible]

[illegible] reflexionis aequalis est angulo incidentiae

[illegible]

[illegible] potest esse varietas cum linea ref[illegible]

[illegible]

[illegible] varietas [illegible] est

De Motu Refracto

[illegible]

[illegible]

sunt propositiones.

Propositio Prima

[illegible]

[illegible]

nulla sit refractio [illegible]

[illegible] in medio denso quam in raro.

[illegible] contendere [illegible] movere [illegible] eandem lineam [illegible] cui motus [illegible] motus [illegible] resist[illegible] [illegible]

Propositio secunda

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] manifestum est.

[illegible] motus [illegible] natura [illegible]

[illegible]

Leges Naturae

Lex prima

[illegible] statu [illegible]

[illegible] statum [illegible]

Lex [illegible] sui mutationem [illegible] vere si in motu nequeat resistere a [illegible] motu [illegible] motus directionem [illegible] que neque ad dexteram neque ad sinistram versus divertere, [illegible] non potest per se mu[illegible]

[illegible]

[illegible] motum [illegible]

[illegible] projicientis persistent in motu [illegible]

[illegible] quos perficiant in [illegible] scabras [illegible]

[illegible] exercentur sic [illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] ergo [illegible] causa [illegible] [illegible] corporis ac moventis [illegible] [illegible] continuati motus [illegible] [illegible] aeris [illegible] [illegible] motu corporis [illegible] [illegible] [illegible] [illegible] [illegible] quidam [illegible] motus ubi nullus est aeris recursus [illegible] [illegible] [illegible] motus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] motu [illegible] [illegible] aere [illegible] [illegible] [illegible] [illegible] sunt motus continuationem ab aeris recursu non profectam [illegible] [illegible] corporis relictus [illegible] potius ex ipsa motus continuatione [illegible] [illegible] [illegible] motus [illegible] [illegible] quam [illegible] aut [illegible] [illegible] potest corpus nisi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] soliditate [illegible] [illegible] [illegible] motum in corpore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] corpori [illegible] relinquat.

[illegible] hinc [illegible] causa communicationis motus [illegible] [illegible] [illegible] pus. Facile enim intelligimus [illegible] in manu [illegible] [illegible] [illegible] mole [illegible] [illegible] [illegible] [illegible] communi motu [illegible] [illegible] manu [illegible] [illegible] [illegible] [illegible] impressus impetus absque nova causa per hanc legem extingui non [illegible] ideo corpus moveri perget eadem celeritate, et versus eandem [illegible] [illegible] quam [illegible] manu [illegible] [illegible] etiam provenit ut qui in navi, vel cimba [illegible] aut [illegible] [illegible] [illegible] stantes [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] motus [illegible] [illegible] [illegible] [illegible]

[illegible] etiam [illegible] in omnem actus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] filum dimitatur, [illegible] alio modo [illegible] [illegible] hic non ulterius [illegible] sed secundum rectam feratur, [illegible] tamen motu [illegible] [illegible] orto.

[illegible] lapidis recedendi a centro secundum rectam et filum tenens [illegible] [illegible] quae vis per experientiam lapidis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] maius est [illegible] corporis inferiora [illegible] [illegible] [illegible] [illegible] [illegible] corporis [illegible] [illegible] [illegible] [illegible] [illegible] lapidis gravitate [illegible] [illegible] [illegible] causa [illegible] tensione [illegible] corporis a centro recedens [illegible] [illegible] [illegible] experientia [illegible] tenditur [illegible] [illegible] cum in suprema [illegible] [illegible] [illegible] [illegible] tensio [illegible] ex gravitate [illegible] [illegible] [illegible] [illegible] [illegible] versus terrae centrum [illegible] [illegible] [illegible] [illegible] nullam [illegible] tensionem [illegible] neque sursum neque deorsum [illegible] [illegible] filum tendit. [illegible] propter gravitatem [illegible] [illegible] [illegible] juxta primam hanc legem [illegible] [illegible] [illegible] rectam lineam motum suum [illegible] exercere.

[illegible] [illegible] [illegible] [illegible] terram circa suum axem rotari, [illegible] [illegible] annuo motu circa solem revolvi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] terra motu continuo [illegible] [illegible] nos [illegible] [illegible] et nos omnes [illegible] quae [illegible] [illegible] [illegible] [illegible] circa solem non aliter quam terra ipsa [illegible] [illegible] [illegible] [illegible] causa autem cur id nobis non eveniat [illegible] [illegible] [illegible] [illegible] [illegible] tamen communi cum ipsa motu [illegible] gravitas [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] motus est semper proportionalis vi impressae motrici, et fit semper secundum rectam lineam

… qua vis illa imprimitur.

… est … cum enim iuxta commune axioma … sequantur suis causis et … eam inter se proportionem … quam … causae patet si vis aliqua certam … ex duplo … ex triplo … excedere

[illegible]

Lex … [illegible]

… inter … seu … est … [illegible]

[illegible]

[illegible]

utroque adhuc mutationes erunt equales [illegible]

[illegible]

Neque huic [illegible] potest numquam eventurum fore [illegible]

[illegible]

et equum efficiunt trahendo [illegible]

siquidem si ponimus [illegible]

[illegible]

[illegible] ut et certa 12, 13 ex.

[illegible] volentne ac hoc sti[illegible]

[illegible]

nec de virium genesi in motis corporibus [illegible]

[illegible] sustinetur numquam [illegible]

mer

[illegible]

[illegible] bibus vivis etiam ratiocinemur praebet experientia cur non exacte respondeat vivum [illegible]

[illegible] ex [illegible] et [illegible]

[illegible]

[illegible] est [illegible] ex [illegible]

[illegible]

[illegible] ut quaturs [illegible] est [illegible] unam [illegible] [illegible] [illegible]

[illegible] ut eadem se vim dicentes [illegible]

nempe ut duo ad [illegible]

[illegible] vires acquisitas [illegible]

[illegible] enim aequales causam [illegible]

[illegible] corporum vires metiendas [illegible] quadratum.

[illegible] incommodis [illegible]

Prima [illegible] duo corpora equalia moveantur diversis velocitatibus eorum vires sunt [illegible]

[illegible]

composita ex simplici massarum et duplicata velocitate

[illegible] velocitatum quadrata sunt in ratione inversa massarum

[illegible] est

[illegible]

obicis in quem agunt diversa notatu hec sunt

[illegible]

enim vis agens amittit momenti quantum obex [illegible]

[illegible]

[illegible] sunt summo motus consumptus

[illegible]

[illegible]

[illegible]

[illegible] ... quae sit eorum motus et quam rationem sequantur [illegible] ... ad terminum linea[illegible] corpora [illegible] ... horizontalem [illegible] ... quamlibet [illegible] ... curva est [illegible] ... notare est curvam [illegible] ... [illegible]

Quamvis vero [illegible] ... [illegible]

[illegible] ... sursum [illegible] ... crescunt se[illegible] ... [illegible]

[illegible]

Quemadmodum corpus in linea [illegible] ... propria gravitate ita etiam se super planum inclinatum sibi [illegible]. Quamvis enim gravitas horizonti perpendiculariter agat [illegible] ... [illegible] non possit ex plani ob[illegible] ... [illegible] movet corpus juxta plani inclinationem cum directio[illegible] ... [illegible] est [illegible] contraria et [illegible] ... [illegible] quamvis [illegible] ... [illegible]

[illegible] omnibus plani punctis [illegible]

[illegible] aerem libere cadente demonstratas [illegible] [illegible] per rectam inclinatam [illegible]

[illegible]

[illegible] corpora eadem tempore [illegible]

[illegible] immediate consequitur ex aequabilis accelerationis [illegible]

[illegible]

[illegible] enim plano tollitur aliquid gravitatis, unde [illegible] sunt [illegible]

[illegible]

[illegible] Oscillatione Pendulorum

[illegible]

quam radio corpus moveri et arcum describere intelligitur. In determinatione [illegible]

[illegible] alterum sit, sin

[illegible]

[illegible] velocitatem aquirit, qua versus [illegible] facere facta nec non tastus [illegible]

[illegible] numerus vibrationum alterius conduli.

De Machinis

[illegible] caneamque usum percipiendum eique dicantur

[illegible] simplices sunt septem de quibus hic singil[illegible]

[illegible]

[illegible] extremitatibus sunt [illegible] in puncto medio [illegible] ut duo brachia equaliter protendi

[illegible] resistente [illegible] momentum [illegible] cum in ratione a centro distantie crescat ponderis gravitas melius [illegible] per illas magis innotescit a centro distantia

[illegible]

est inter fulcrum, et pondus usui [illegible] non potest in mecanicis maxime pro [illegible] quam potentia [illegible] distantia [illegible] debet vis quam sit ipsum pondus. [illegible]

[illegible] Tunc enim potentiae fiunt inter se [illegible] vectis fuerit incurvus [illegible] equilibrium inter potentias [illegible] potentie ab [illegible] enim momentorum erit equilibrium, [illegible] potentie [illegible] a ubi consistam et celum et terram movebo.

[illegible] conferentia facta cavitate [illegible] machina [illegible] eadem mensurandi causa bilancis aut libre [illegible] elevans autem potentia in hujus machine usu equalis requiritur ponderi sustinendo [illegible] trochlea alia libera est et non [illegible] que cum appenso pondere potest sursum moveri. Ad equilibrium per hanc obtinendum [illegible] semidiameter trochleae ad totam diametrum si funes [illegible] non sint funes, tunc [illegible] dam in prima [illegible] veluti vectis [illegible] vo veluti vectus incurvus.

[illegible] axis [illegible] cum [illegible] vectis [illegible] est convexa [illegible] axi per funem ipsi cir [illegible]

[illegible] maxe.

[illegible]

[illegible] actio [illegible]

[illegible] ut qui axis diameter minor est [illegible]

metro axis minuitur et ut [illegible] aequilibrium inter potentiam et pondus requiritur

[illegible] ipsa potentia ad pondus

[illegible] vel ad ipsam [illegible]

[illegible]

[illegible] motus [illegible]

quando [illegible] in axe potest ita disposita ut [illegible] in ea vectes introducat

Pro diversis autem usibus axis secundum varias [illegible] conficitur modo

[illegible]

[illegible] sucula [illegible] etiam [illegible]

[illegible]

[illegible] elevantur, necnon terebrae.

[illegible]

regulae quo ad usum diversae requisitae

[illegible] habens [illegible]

nens [illegible] manus [illegible] cum aliis [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

... ptur eorum actio in corpora animalium

[illegible]

quo potentia toti ... [illegible]

... iculi hoc intervallum perpendiculare in helicum puncta extrema ad illu... [illegible] ... nati esse debere ad illius ponous, ... altitudo plani ad ejus longitudinem [illegible]

... rat minor desiderabitur potentia

[illegible]

... vocation ex variis rotis dentatis ... [illegible]

[illegible]

[illegible] ex iis [illegible] animas [illegible] per, in quas separatim machinae [illegible] machinis [illegible] conservantur [illegible] maxime [illegible] um amore [illegible] etiam maxima [illegible]

[illegible] vasis [illegible] et sunt [illegible]

[illegible]

Hactenus de motu [illegible] machinis [illegible] elevantur [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

cum igitur [illegible] est [illegible] elevantur

[illegible]

Vasis quo continentur [illegible]

[illegible] eundem [illegible] extrahantur [illegible]

[illegible]

[illegible]

non [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] iisemet basas sentiendi [illegible]

[illegible] composita basis, et altitudinis. [illegible]

[illegible]

[illegible] regiones. oportet ut quod [illegible] est

[illegible] tantum [illegible] [illegible] sunt [illegible]

[illegible] sunt [illegible]

[illegible] physice [illegible]

Ex N[illegible]

[illegible]

Ex Aerologia

[illegible] substantia [illegible]

[illegible] universi [illegible]

[illegible]

[illegible] perpetuo [illegible]

[illegible] nec omnibus [illegible] omnibus horizontalo [illegible] [illegible] aeris [illegible] conservavit [illegible] [illegible] compressus [illegible]

[illegible] tandem maxime est elasticus [illegible] [illegible] qui maxime resistit [illegible] minus cedit.

[illegible] status [illegible] statuere nonnulli [illegible] aer quam maxime [illegible] [illegible] ut [illegible] plus [illegible] constans naturae restitutione [illegible] ad se mutuo accessere [illegible] in eam partem, qua patet aditus expandunt [illegible]

Quantum spectat ad compressionem et densitatem aeris [illegible] rationem sequi [illegible]

[illegible] maxime [illegible] ex conservatione motuum [illegible] corporum quae undique [illegible] pneumatica [illegible] [illegible] horizontaliter emergenti per [illegible] [illegible] remoto quo obturabatur [illegible] aer [illegible] foramini [illegible] aer rarefiat [illegible] aer qui [illegible] celebrem [illegible] quidam [illegible] vitreis [illegible] collocabatur in vacuo [illegible]

[illegible] maxime [illegible]

[illegible] calocetur in recurvente [illegible]
[illegible] descendit mercurius [illegible]
[illegible] cum [illegible]
[illegible]
[illegible]
[illegible] quoniam [illegible]
[illegible]
[illegible] experimento [illegible] inversionem descendit [illegible]
[illegible] at cumque
[illegible] vacuum [illegible] confirmatur [illegible]
[illegible] Causa autem [illegible]
[illegible] gravitas [illegible] in diversis altitudinibus [illegible]
[illegible]
[illegible]
[illegible] vacui [illegible] in tubo [illegible] aquae [illegible]
[illegible] viginti octo [illegible]
[illegible] aquam [illegible]
[illegible] tota [illegible]
[illegible]
[illegible] mercurii [illegible]
[illegible]

[illegible] argumenta [illegible] tamen
[illegible]
[illegible]
[illegible] mercurius [illegible]
[illegible] quando [illegible]
[illegible] gravitas verò aeris varias sequitur
causas [illegible]

[illegible] constanter [illegible] mercurii suspensio [illegible] observationibus [illegible]

[illegible] mercurium [illegible] observamus [illegible] elevetur ab initio [illegible] impetum inferiori successive [illegible] commu[illegible] [illegible] sustineantur [illegible] mercurius econtra [illegible]

nos est. In his autem circumstantiis [illegible] gravitas [illegible] cum animo [illegible]

[illegible] secundo cum exalatio[illegible] [illegible] econtra frigore [illegible] temporibus suspensiones mercurii [illegible] caelo [illegible] pluvio [illegible]

[illegible] sententie nostre contrarium [illegible] mercurium con[illegible]
[illegible] mercurium [illegible] in [illegible] cum [illegible] sit aeris
[illegible] inniza mercurio [illegible] usque [illegible]
[illegible] nam [illegible] omnino
[illegible] mercurii [illegible]
[illegible] ut [illegible] in tubo [illegible] omnino [illegible]
[illegible] columna [illegible] autem [illegible] non potest [illegible]
circumstans mercurius [illegible] non potest [illegible] aere [illegible]
[illegible] mercurium [illegible] aeris [illegible]
[illegible] circumstant [illegible] nostra cum tam
[illegible] quantum [illegible]
[illegible] ambientes [illegible] aeris columne [illegible] aeris est [illegible]
[illegible] huiusmodi [illegible]
veniens [illegible] huiusmodi [illegible] effectum [illegible]
apertum foramen [illegible]
[illegible] Nam aer externus [illegible]
[illegible] cum [illegible] aer ipse interior
[illegible] aequaliter [illegible] debet mercurium [illegible] aeris externi mutationes
participare [illegible] easdemque [illegible] variationes [illegible]
que in aere libero contingerent.

[illegible] in tubis [illegible]
[illegible] nomine [illegible]
[illegible] substantia ex [illegible] propter promanans
[illegible] qua [illegible] sustinentur [illegible]
[illegible] contendit [illegible] sustinendis [illegible]
[illegible] donec [illegible] erumpens materia [illegible] namque est [illegible]
[illegible] quomodo autem [illegible] substantia sustinere [illegible]

[illegible] et [illegible] si materia aliqua e liquoribus emanat [illegible] liquorum naturam etiam sequitur [illegible] [illegible] [illegible] attractione quam liquores [illegible] [illegible] [illegible] quare [illegible] diversitate liquorum diversa [illegible] erit [illegible] substantiae natura [illegible] efficacia [illegible] [illegible] verbis diversum erit habitus consister[e] [illegible] alter [illegible] alter quorum [illegible] [illegible] unum condus [illegible] alterum [illegible] vel magis vel minus [illegible] sustinetur [illegible] [illegible] est [illegible] [illegible] [illegible] quales diametri et cavitatis sustinentur [illegible] natura sint [illegible] [illegible] obtineant altitudinem [illegible] tamen [illegible] [illegible] [illegible] hypothesis

[illegible] suspensionem liquorum in tubis [illegible] sunt [illegible] elasticitatis et gravitatis effectus exempli gratia suctio animalis [illegible] enim quo [illegible] animal aerem ex ore [illegible] [illegible] [illegible] [illegible] extrorsum pellit nares [illegible] vacuum in ore [illegible] Aer externus [illegible] sua gravitate [illegible] [illegible] [illegible] in [illegible] sublata est resistentia hoc est aerem [illegible] in os [illegible] [illegible] est fumigatio tabaci tum actio cucurbitularum [illegible] ex [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] aer ab calore [illegible] cucurbitae a [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] humore quorum a [illegible] tumescit [illegible] est [illegible] aer gravitate sua nostrae respirationis causa

[illegible] effectus ex aeris gravitate [illegible] [illegible] [illegible] [illegible] per siphones recurvos [illegible] tamen [illegible] [illegible] in vacuo [illegible] hactenus [illegible]

[illegible] sunt [illegible] qui [illegible] [illegible] et elasticitate [illegible] [illegible] [illegible] est ex [illegible] [illegible] et [illegible]

De Tubis Capillaribus

Quaedam similitudo inter [illegible] suspensiones in tubis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] eadem [illegible] leges [illegible]

sed tanta est ab iis quarumdam elevationum et suspensionum [illegible] in tubis qui ob diametri tenuitatem capillares nuncupantur ab [illegible] ut non similem penitus ab una aeris regione repetere non liceat quod potius ex iis argumentum [illegible] ab aliquibus institutum contra assignatam [illegible] suspensionis [illegible] [illegible] Salvo autem his omnibus quae [illegible] suspensionem [illegible] hactenus [illegible] elevationis et suspensionis [illegible] [illegible] cum ex iis [illegible] argumentum [illegible] non ipsis quia ob maximam circumstantiarum diversitatem [illegible] effectus haberi debent, nec quidquam [illegible] contra iam statuta obtinet [illegible] regula eorumdem effectuum et similium eadem aut similis est causa.

Inquirenda igitur est causa elevationis et suspensionis [illegible] in tubis [illegible] qua [illegible] intelligitur quomodo succus nutritius in fibras meatusque corporum animalium et arborum se insinuat [illegible] [illegible] meatibus [illegible] et [illegible] liquidorum [illegible] elevatio oritur ex attractione [illegible] Et vero ex aeris regione repeti nequit cum aeris [illegible] non sit [illegible] in [illegible] tubis major habeatur [illegible] quam in [illegible] [illegible] enim sunt [illegible] sub [illegible] eamdem habent omnino elevationem [illegible] suspensionem [illegible] cum [illegible] [illegible] nequeat [illegible] suspensio oportet [illegible] ab [illegible] causa [illegible] [illegible] autem est [illegible] causa [illegible] per attractionem enim [illegible] ratio cur in tubis [illegible] habeatur [illegible] sub [illegible] phenomenon suspensionis [illegible]

Caeterae opinio quae supponit a [illegible] aut a materia [illegible] aut perpetua [illegible] [illegible] [illegible] est [illegible] difficilius [illegible] per se [illegible] materia subtili [illegible] [illegible] enim [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] quo non contrent [illegible] [illegible] ~~[illegible]~~ [illegible]

De Sono

[illegible] tremu[illegible] [illegible] inquam inter aures et [illegible] enim [illegible] potest vel quod est in corpore sono. [illegible]

[illegible] cognoscimus [illegible]

Propositio Prima

[illegible]

[illegible]

[illegible]

[illegible] esse [illegible] [illegible] tremor [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] visibilis motus [illegible] [illegible] diminuitur illico [illegible]
[illegible] causam [illegible]
[illegible] communicatur [illegible] tensa [illegible] vehementius [illegible]
[illegible] maxime [illegible] contra si valde tensa
[illegible]
[illegible] tremorem [illegible] tremorem in sonoro corpore [illegible]
[illegible] [illegible]
[illegible] tremorem [illegible]
[illegible] [illegible] conservatur
[illegible] [illegible]
[illegible] [illegible] [illegible] tremor [illegible]
[illegible] sonus [illegible]

Ex his convincuntur errores [illegible] qui sonum in sonoro corpore alio
a certo motu nempe aliarum qualitatum caloris, frigoris, siccitatis, humiditatisque
[illegible] quod diversus sonus [illegible] diversam aeris
qualitatem [illegible] [illegible] et nos ex diversa densitate et elasticitate aeris
[illegible] celere sonum [illegible]
Sed nos [illegible] aerem diversimode aurem afficere [illegible] diversas [illegible]
ficationes; non autem diversas aeris qualitates causas esse sonorum [illegible]

[illegible] sonori corporis partes [illegible] sonum [illegible]
[illegible] sonora [illegible]
[illegible] [illegible]
[illegible] sonori [illegible]
exerceatur repetitis [illegible] subsultibus [illegible]
[illegible] unde, sero, vel [illegible] percutiatur [illegible] qui

[illegible], nec tamen verum [illegible] contra [illegible] aut resina [illegible] ratio quia in primo casu [illegible] transibitur nec partes concutit, secus in altero casu quia [illegible] per picem scabrum redditur.

Generatim omnia sonora corpora elastica sunt adeoque idonea ad concipiendum partium tremorem quod requiritur ad sonum generandum. In tali partium tremore [illegible] pariter campanae sonus consistit [illegible] rotunda [illegible] ovalis quia vero metallum campanae valde [illegible] est et magna [illegible] maxime remota [illegible] aurem [illegible] et quidem [illegible] longioris in figura [illegible] extrema [illegible] extrema [illegible] campanae [illegible] sonus auditur [illegible] partium [illegible] motu ac tremore. Hinc si campana nive [illegible] aut [illegible] panno non sonat quia nivei flocci aut panni partium tremorem [illegible] et si manu [illegible] partium tremor [illegible] manum [illegible]

[illegible]

[illegible] corporibus [illegible], quod tamen non evenit.

[illegible] experimenta [illegible] sententiae nostrae [illegible]

[illegible] tremorem [illegible]

[illegible] instrumenti [illegible] contacti [illegible] sonum producit [illegible]

[illegible] comovere nisi [illegible]

[illegible] constituunt [illegible]

[illegible] sonum [illegible] sint crassities [illegible]

[illegible]

[illegible] excitantur et [illegible] ut [illegible]

[illegible]

a quo intervallo separantur [illegible] tamen istud exiguum est [illegible] sed ~~continuo~~ continuatis [illegible] semper [illegible]

[illegible] sua, [illegible]

[illegible] non enim probata [illegible]

[illegible] veluti [illegible]

[illegible]

[illegible]

Propositio Secunda

[illegible] quam tremula circumstantis aeris et reciproca agitatio

[illegible]

[illegible] et [illegible]

[illegible]

[illegible]

[illegible] contingat oportet et ob [illegible] ost [illegible]

[illegible] ac tremula agitatione proficiscitur [illegible]

[illegible]

[illegible] intensitas minuetur [illegible] nequeat [illegible]
[illegible] primo [illegible] metalico [illegible]
manifesto sonus [illegible] audietur [illegible]
[illegible] Ex huiusmodi experimentis patet eviden[illegible]
[illegible]

[illegible] sonus [illegible] usque
[illegible]
[illegible] et [illegible] accurate institutum [illegible]
[illegible] [illegible]
[illegible]
[illegible]

[illegible] audiitur nec tamen sonat
[illegible] nec tamen
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] aether subtilissimum [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] usque [illegible] aerem unum

Sec

[illegible] sabetur sensus in aurem.

Vocis autem [illegible]

[illegible] oritur quia [illegible] sonita sunt adeoque magis indirectum cum tormentis [illegible] in altum tenor et alta quam [illegible] intra camam insectionem atque in aere [illegible]

Explicatio quomodo [illegible] quam certum [illegible] tur itaque partes aeris aequali intervallo distantes et incurrat in ipsas corpus elasticum: excitato tremore [illegible] percutiuntur et [illegible] [illegible] accervantur et condensantur donec elasticitas [illegible]

Variae sunt soni proprietates et primo tonorum diversitas et causa [illegible]

[illegible] a corda tenuius oscillante acutus a cor[illegible] tenuius vibrata ut patet experimento [illegible]

cor

[illegible] natur vero corda paulo vehementius ita ut ictus et recortus [illegible]

[illegible]

corda tensa [illegible]

[illegible] vicantur.

[illegible]

[illegible] ductus, quidam retractiore est et [illegible]

[illegible] sunt necesse est [illegible]

[illegible]

ut unum ad unum [illegible]

[illegible]

[illegible] maior ut [illegible]

tamen [illegible] debent [illegible]

[illegible] consideratione soni est [illegible]

[illegible] soni [illegible]

[illegible]

[illegible] immutatorum [illegible] necesse est modo [illegible] modo [illegible]

[illegible] non solum est soni celeritas verum etiam [illegible]

[illegible]

[illegible] a soni magnitudine que determinari non [illegible]

[illegible]

[illegible]

[illegible] certo debet soni cel[illegible] et propagatio multum iuvant ac [illegible]

[illegible] [illegible]nes quæ ab auctoribus notatæ sunt. Pro accuratiore autem [illegible]

ventus secu[illegible] sonum acce[illegible]erat [illegible] vento secundo ac magis interdum [illegible]

Quamquam experientia mani[illegible] [illegible] tamen ostendit quæ celeritas [illegible] tardiorem nos tempore in [illegible] celeritatem ita ut qua [illegible] distantia auditum fuisse [illegible] de sono [illegible] experientiæ [illegible] tamen æqualitati celeritatis [illegible]

[illegible] [illegible] in eadem regionis aut terra [illegible]

[illegible]

Propterea ut [illegible] in aere [illegible] soni [illegible] rarefacti aeris [illegible] aucta [illegible] quam cum [illegible]

[illegible] inter [illegible] intervallis [illegible] et crescit et [illegible] intervalli diminuitur numero [illegible] in eo [illegible] minor est actio solis [illegible]

[illegible] nocte quam die minor [illegible]

[illegible] inter [illegible] sonum maxime [illegible]

[illegible]

[illegible] intervalla [illegible] reflectuntur [illegible]

[illegible] aeris [illegible]

[illegible] cum impimento connectar [illegible]

[illegible] citur vox [illegible]

[illegible] dispositio tam [illegible] reflectitur sonus [illegible] vocatur immago seu echo de quo nunc est disputandum

Propositio

[illegible] ad organum auditus [illegible]

[illegible] propositio [illegible] enim est echo [illegible]

[illegible] si [illegible] echo [illegible]

[illegible]

[illegible]

[illegible]

[illegible] notatur [illegible] temporis [illegible]

[illegible]

[illegible] echo [illegible]

[illegible] inter duos muros altissimos [illegible] uno [illegible]

[illegible]

[illegible] per quas soni editi secundum lineam quae turres co[illegible]

[illegible]

[illegible]

[illegible]

[illegible] oportet ut [illegible] soni sint echo quae ex distantiis [illegible]

[illegible]

[illegible]

[illegible]

[illegible] in [illegible] sive [illegible]

[illegible]

[illegible]

[illegible] distantiam [illegible]

[illegible]

[illegible] intervallo [illegible] inter vocem [illegible]

distincta ad aures [illegible] quia sono [illegible]

echo [illegible] non [illegible] seu mora aliqua requiritur [illegible] ut [illegible]

[illegible]

requiruntur in diversis hominibus [illegible] enim exercitata [illegible]

[illegible]

[illegible] requiruntur [illegible] echo et sonus [illegible]

[illegible] distantia [illegible]

[illegible]

[illegible] est examinatum

[illegible] gentent supersunt explicanda et notanda [illegible]

[illegible] quomodo fiat [illegible] humana vox

[illegible] quae maxime ido[illegible]

[illegible]

[illegible]

[illegible] tum [illegible] [illegible] [illegible]

causa sonus augetur cordarum [illegible] tensarum ut [illegible]

[illegible] onis venatorie [illegible]

[illegible]

[illegible]

componentur [illegible]

[illegible]

[illegible] tandem desinunt media [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

rio tracheo arterie per quam [illegible] educitur hec fistulam [illegible]

[illegible]

[illegible]

[illegible]

[illegible] quod et hac aer per [illegible] [illegible]

[illegible]

[illegible] cordarum [illegible]

[illegible]

[illegible]

uxta certos tonos efformetur que verum excepta cavitatibus [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] excogitavit aliam methodum [illegible] extrema [illegible] novum tubulum aptavit [illegible] restringeretur aut dilataretur. Ex qua autem observatione [illegible] [illegible] [illegible] [illegible] [illegible] ad altera [illegible] [illegible] [illegible] de sono [illegible] [illegible]

De Meteoris Aereis

Ventus [illegible] alterum locum movetur [illegible]

[illegible]

[illegible]

[illegible] sunt [illegible]

[illegible] sunt [illegible] incessanter [illegible]

[illegible] spirat in [illegible]

[illegible]

dicuntur generales ad discrimen eorum qui in quibusdam [illegible] regionibus spirant

[illegible] dicuntur [illegible] annui [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] dare nobis venti

[illegible]

[illegible]

nascuntur [illegible]

[illegible]

[illegible]

[illegible] denominatione [illegible]

[illegible] Praeterea sunt [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] causam [illegible]

[illegible] quae [illegible]
nos secuti aberimus:

Propositio

[illegible]
[illegible] productus

[illegible] maxim[illegible] [illegible] fluxus aeris [illegible] scilicet [illegible] [illegible] et aliam partem aeris impellit [illegible] la radiorum solarium directione fluxus aeris, et sic explicatur cur et quomodo ventus unam partem ad sex menses versus alteram [illegible] ti periodici. Ventus igitur a calore producitur [illegible] sunt inexpansiva [illegible] ruptione in aerem tali aeris equilibrium tale [illegible] vapores circumpositans per aerem [illegible] quem subirent [illegible] columna [illegible] it ita ut alterpo circum se

ae

gerens agat denuo in nos. Unde non potest talis aer, cum universam admisceri aeree equi-
librium. Calor igitur solum congruit ventis producendis

De Aqua

[illegible] terrarum [illegible] etiam aquam [illegible] tellur[illegible] qui solountur in aqua aerem [illegible] [illegible] nam [illegible] terram [illegible] [illegible] adinvenire [illegible] [illegible] nam ut inquit ipse si [illegible] [illegible] et [illegible] maximum [illegible] tanto minus [illegible] [illegible] praedoesset [illegible] [illegible] [illegible] [illegible] [illegible] de mari [illegible] salsedine nunc sit questio.

[illegible] sophi Putant aliqui aquam esse aggregatum e terrogeneorum minimorum [illegible] [illegible] [illegible] datur [illegible] [illegible] et Boerhavius Ergo [illegible] est [illegible] quodam [illegible] terrogeneorum particularum concludendum itaque est aquam esse [illegible] [illegible] corporum et organa [illegible] actione et corporum superficiebus [illegible]

[illegible]

existimat aquae frigiditatem non su[illegible] umquam magis aut minus seu aequaliter seu [illegible]

omnibus partibus esse desinit quam quando in pristino statu naturali est [illegible]

[illegible]

colorata est aqua quia heterogeneae partes [illegible]

[illegible]

tribuit aquae non suam affectionem [illegible] de aqua in genere nunc [illegible]

De Vaporibus

Vapor est [illegible] aquae [illegible] per aerem sese [illegible]

[illegible]

dixerim impellunt sursum vapores [illegible]

[illegible] sursum [illegible]

[illegible] vapores materiæ subtilissimæ

Quamquam [illegible] congruum erit ne iis moveatur de nomine

[illegible]

[illegible] Hinc qui montes excelsos conscendunt ex: gr: aut alpes [illegible] cum ad regiones nubium perveniunt [illegible]

[illegible] sibi ingredi videntur ex [illegible]
[illegible] et [illegible] cum nubes [illegible]
vior est, et vicinior terræ, nubes vero in altiori loco suspensa. Porro cum nubes ex vero variis particularum generibus concurrentibus coalescant [illegible] non est [illegible]
[illegible]
[illegible] in quo [illegible]
um efficiunt

[illegible]

[illegible] dependentes [illegible] in terram et [illegible]

[illegible] est nubes resoluta [illegible] in terram [illegible]

[illegible]

[illegible]

[illegible] nec [illegible] secum integram [illegible]

[illegible]

[illegible] majores [illegible]

[illegible] vapores [illegible] major et [illegible] est [illegible] in terram nostram [illegible]

[illegible]

[illegible] majores sunt [illegible]

[illegible]

[illegible] ex tenuissimis aquae particulis multo [illegible]

[illegible]

Figura nivis est [illegible]

[illegible]

[illegible] gradum vertatur et ille vaporum series

qui

...res minores sunt attractae, et simul collectae [illegible]

[illegible]

[illegible]

[illegible]

[illegible] aliquando tamen non solet nisi ab aliis sex tantum. Cum autem [illegible] ... sint [illegible] ... nascentur cum [illegible] ... venti [illegible]

[illegible] ... nam longiem ... secundum phaenomenon est quod nix [illegible]

[illegible]

[illegible]

[illegible]

[illegible] ... unde aqua naturali sunt [illegible] sicuti spuma [illegible]

[illegible]

... [illegible] cum inter [illegible] maxime [illegible]

[illegible] ... actionem nequit transire unde cum [illegible]

vi [illegible] ad servandam nivem [illegible]

[illegible]

albedinem summam exhibet. Quartum phaenomenon est quod [illegible]

[illegible]

[illegible]

is [illegible] tenuioribus constituuntur, vel etiam dici potest [illegible]

[illegible]

... men [illegible] de nive

[illegible]

[illegible] nube ... in [illegible] postmodum [illegible]

[illegible]

[illegible]

[illegible]

[illegible] aliud est quam maxima concretio ex [illegible]

[illegible]

magnitudine [illegible] autem [illegible]

[illegible] sed sæpe irregularis figuræ.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] frustum sumorum distractionis (?) colores ... [illegible]

[illegible]

[illegible] ex collens [illegible]

Propositio

[Mo]tus Marini Phaenomena ab actionibus Lunae et Solis sunt repetenda [illegible]

[illegible]

[illegible] ta' si supposita actione Lunae, et Solis in aqua maris, fluxus et refluxus ejusdem

hun

[illegible]

[illegible] et varie actio [illegible] in aqua maris et marini aestus [illegible]

[illegible]

[illegible] actio [illegible] in subiectum mare

[illegible]

[illegible] marini aestus matutini [illegible] sint quam vesper[illegible]

[illegible]

[illegible]

[illegible] bent, quia directe easdem [illegible]. Cum igitur omnes maris partes sint in aequilibrio [illegible]

[illegible]

transirentque etiam per centrum, sine nisi causae aliquae obstarent [illegible]

[illegible]

[illegible]
vel aquas causa sit Luna ubi attendenti constat [illegible]

[illegible] dignitas est. [illegible]

[illegible]

[illegible] Unde [illegible] maxima [illegible] elevatio. Ita ut [illegible]

[illegible] ut ipsa videtur [illegible]

[illegible] actio solis in mare major sit quam [illegible]

[illegible] quam terra [illegible]

[illegible] distantiam [illegible] admoventur, [illegible] non [illegible] quam [illegible] attrahitur tota [illegible] phenomenis partem majorem vindicat sibi Luna, quam Sol

[illegible]

[illegible]

[illegible] secundos

[illegible]

[illegible]

[illegible] quare [illegible] velato [illegible]

[illegible] aqua [illegible]

[illegible] cavum [illegible] tanta esse valet quanta [illegible]

[illegible]

[illegible] praemisso [illegible] phaenomenon quod in [illegible] positum est ut [illegible]

[illegible]

[illegible] vel tres dies post novilunium [illegible] explicant [illegible]

[illegible]

[illegible] est quod oscillationes [illegible] et maiores [illegible]

[illegible]

[illegible] semper [illegible]

[illegible]

[illegible]

post aequinoctium autumnale qua [illegible]

[illegible] remotiores [illegible]

[illegible] autumnale [illegible] terra in borealibus [illegible] majores [illegible] quam post [illegible] aequinoctium [illegible] fluctus majores [illegible] debent [illegible] inclinatio fuit major eusque vel minor a syzygiis distantia.

Unum vero [illegible] eventum sit [illegible] erit quam quod varient diversi [illegible] ab eadem tellure quo [illegible]

[illegible] in aliis experimentis staticae et hydrostaticae [illegible]

[illegible] lunae et solis [illegible] sunt variationi sensibi[illegible]

[illegible]

[illegible] gravitatem ut unam ad 1 2 8 6 8 2 0 0 [illegible] summa autem [illegible]

[illegible] quam

[illegible]

[illegible] jam vim [illegible]

[illegible]

[illegible] nomen quod mox exolvimus [illegible] non est ut notet [illegible] [illegible]

[illegible]

[illegible]

[illegible] probabilius si dicatur [illegible] a [illegible] et [illegible] substantia [illegible]

[illegible]

... in varias salis mineras ... [illegible]

[illegible]

[illegible]

... est aqua in magna copia ex ... fontibus ... [illegible]

[illegible]

... est aqua ... per viam ... [illegible]

... fontium ... [illegible]

... prima est antiquissima ... [illegible]

[illegible]

... erumpentibus ... intra montes receptis qui ... [illegible]

... est ... [illegible]

[illegible]

[illegible]

[illegible] aquam sublimiores esse [illegible]

[illegible] experientia constat [illegible] industria [illegible]

[illegible] non potest concipi quomodo aqua maris ad summum [illegible] montes [illegible]

[illegible] cavernis per aerem aut per vapores [illegible]

[illegible] in [illegible] loco vapores vero nequeunt si [illegible]

[illegible] est [illegible] ut concludamus

Propositio

[illegible] et flumina ex pluviis [illegible] nivibus

[illegible]

[illegible] fontes et flumina [illegible]

[illegible]

[illegible]

Unde inveniantur aquae [illegible] vel stagnantes sunt [illegible]

continuae in tubis communicantibus a [illegible] et [illegible] partes [illegible]

[illegible]

[illegible] pluviae [illegible] non [illegible]

[illegible] esse non est

[illegible] excurrunt [illegible] aquae [illegible] ex [illegible]

[illegible] est [illegible]

[illegible] nubes [illegible] et nives [illegible]

[illegible] sunt [illegible]

[illegible] nives et [illegible] sunt [illegible]

[illegible]

que solutæ nives cum in sinus inferiores [illegible] et [illegible] et constituunt [illegible]

[illegible] aqua dulce et suaves sunt quas [illegible] sub nive, vel pluvia forme ex aere cadentis siquidem [illegible]

[illegible] aque dulces [illegible] in [illegible] [illegible] monte [illegible] cum montibus [illegible] a monte [illegible] in [illegible]

[illegible] Aratus, et aiu bene multi [illegible]

[illegible] 84 vices minorem esse [illegible]

[illegible]

[illegible] et [illegible]

[illegible] in quem [illegible] Quo certum flumina [illegible]

[illegible]

[illegible] et [illegible]

[illegible]

[illegible]

[illegible] ventis [illegible] causis [illegible] ex [illegible] ex aqu[illegible]

[illegible]

[illegible] ut summa [illegible]

[illegible]

in [illegible] ut in [illegible]

[illegible]

[illegible] aut [illegible]

[illegible]

[illegible] calculis [illegible]

[illegible]

[illegible] non sunt qui cum [illegible]

[illegible]

[illegible] et mille centum [illegible] magis igitur consonum [illegible]

[illegible] verum majorem [illegible]

[illegible]

[illegible]

[illegible] metallorum [illegible]

[illegible]

[illegible] ad arbores nutriendas [illegible]
[illegible] locis in actum [illegible] 300 pedum [illegible]
inveniunt.

[illegible] observasse neque [illegible] aque [illegible]

[illegible] pedum octo sub terra collocaverat [illegible]
[illegible] tubulum [illegible]

[illegible] aquam imbiberet, et inter [illegible]
[illegible] tubulos suspensa teneret [illegible]

[illegible]

[illegible] uno vel [illegible] experimento [illegible]
[illegible] non potest [illegible]

[illegible] sententia [illegible] sacra scriptura [illegible] omnes a[illegible]

[illegible]

[illegible] et tandem in [illegible] descendentes iterum [illegible] in mar[illegible]

[illegible]

[illegible] sit [illegible] sacra scriptura non est [illegible] sententia [illegible]

[illegible]

[illegible] nihil aliud est quam motus [illegible]

[illegible] sunt [illegible] proprietates. Prima est lux et [illegible]

[illegible] nomine [illegible] significatur quo positio extra nos externa objecta [illegible]

[illegible]

[illegible] esse motu[illegible] quendam materiæ [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] nam [illegible] a [illegible] a [illegible]

[illegible] sensibilitas seu [illegible] lux enim tum ignis terrestris tum solis flamma

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] est [illegible] lux qualitas corporum sed est mat[illegible] per se subsistens

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Ergo

[illegible] iaculentur celeritate et ut de sole [illegible] sermo eius [illegible] est ut [illegible] minutorum [illegible]

[illegible] partium vibrantium [illegible] propositio inter fermentationem [illegible] carbonis et summam effervescentiam [illegible] maxima [illegible]

[illegible] prohiberi subtilissima [illegible] ibus cum proportione [illegible]

[illegible]

[illegible] ab ea proveniens

[illegible] et calido hoc autem non contingit. Ergo

[illegible]

[illegible] aestus quem motum [illegible] immensis innumere reflexiones suas a [illegible]

[illegible]

[illegible] sensus [illegible]
gros et si determinatum quem [illegible] motum [illegible] requirunt [illegible] concipiunt dum sensus nos-
[illegible]
aut etiam effervescentiam corporum que subeunt

[illegible] oculo [illegible]
[illegible]
distantiis se in suo [illegible] partium lucidi corporis est posita.

[illegible]

[illegible]

[illegible] ... situs calor vel odor.

[illegible]

[illegible] ... hisce animadversis [illegible]

[illegible]

[illegible] ... consumpta vel maxima [illegible]

[illegible]

[illegible] in erectum vasitos quod increv.

[illegible] cum nec difficultas nunc urget si agenatur summa [illegible]

[illegible]

tum seves non nulle turbam promovere varores bene multos [illegible] seu quos non videat, [illegible] qui viam alris radiotis faciant [illegible] ucis itaque ac na [illegible] que [illegible]

[illegible]

[illegible]um [illegible]ucis radius de uno ad aliud medium transit a recto tramite [illegible] [illegible] actio dicitur [illegible] igitur detur refractio quo reaccurruntur primo ut media [illegible] uno [illegible] [illegible] nem haben cum multo probant experimen: [illegible] licet si in plano vasis tun [illegible] [illegible] [illegible] at ut si [illegible] medium, ab eo autem refectat si e densiori in rarius transeat. Tum in primo casu radii velocita [illegible]

[illegible] ferre subtilis [illegible]

Propositio

[illegible]ucis refractio per attractionem mediorum [illegible]

[illegible]

Lucem attrahere et attrahi a corporibus patet inmisso enim in obscurum cu: [illegible]

[illegible] fit quo priores fiunt celtrorum acies

[illegible]

[illegible] aut vires in sententia [illegible] per medium [illegible] in medio densiori [illegible]

[illegible]

[illegible] quo [illegible] magis [illegible] opponuntur aut in sententia [illegible] medium [illegible] aut [illegible] per [illegible]

[illegible]

[illegible]

et multa ex [illegible]

[illegible]

[illegible]

[illegible] magis quam istius [illegible] opponuntur in sententia vero [illegible]

[illegible]

vel [illegible] a medio rariori in densius transit [illegible]

[illegible] vero [illegible]

[illegible] ad perpendiculum [illegible] etiam [illegible] in transitu medio densiore in rarius nam [illegible] incidens in [illegible]

[illegible]

[illegible] sententiam tamen [illegible]

[illegible]

[illegible]

[illegible] est [illegible] quam [illegible]

[illegible] reflexio altera [illegible] fit a [illegible]

[illegible]

[illegible]

[illegible]

[illegible] sit [illegible]

[illegible]

[illegible]

Reflexio luminis ad [illegible]

[illegible]

est, inflexio autem altera attractio.

[illegible]

[illegible] ab impactu in solidas [illegible] nam in transitu luminis e vitro in aerem [illegible]

[illegible] multoque etiam [illegible] copiosior quam in [illegible]

[illegible]

[illegible]

[illegible]

[illegible] opaca, vel pellucida; [illegible] de Opacitate modo est dicendum. Opaca itaque sunt illa corpora [illegible] reflecta [illegible] radios propter [illegible]

[illegible]

[illegible] lucem [illegible] rectitudinem et reflecti ob solem e contrario [illegible]

[illegible]

in eandem densitatem verum sit [illegible]

Propositio [illegible]

[illegible] uniformis [illegible]

[illegible]

[illegible]

tamen fluit omnes sed plures efficit minus

uniformis materiae [illegible] densitas

[illegible]

[illegible] refractiones reflexiones [illegible]

[illegible]

ne saepe etiam errorum sola

[illegible]

minus sive magis sit crassum. Ergo

[illegible]

[illegible]

[illegible] autem [illegible]

[illegible] incidant in medio densitatis diverse a recta deflectunt [illegible] vero [illegible]

[illegible]

in aeribus circumstantibus [illegible] magis [illegible] minus refringuntur [illegible]

[illegible]

[illegible] naturalis [illegible]

[illegible]

[illegible]

[illegible] radii [illegible]

[illegible] diverse dicuntur refrangibilitatis.

[illegible]

[illegible] autem color est [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] constat [illegible] radiis natura sua

[illegible] refrangibilitas

[illegible] minimum foramen [illegible]

[illegible]

[illegible]

[illegible] radius transversum [illegible] prismate [illegible] continuo extenditur [illegible]

[illegible] ... natur, ac extremitates vero in duas semi[illegible] [illegible]

[illegible]

[illegible] ergo radii illi sunt [illegible]

Propositio Secunda

[illegible]

et in mutationes colores

[illegible] ... [illegible] ad minus [illegible]

[illegible]

quo numquam [illegible]

[illegible] semel aut a[illegible] novum [illegible]

ertio quoque eumdem semper [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

leo in caeruleo vel alio in alia posita eo tantum [illegible]

[illegible] lumen [illegible] reflectantur [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Propositio [illegible]

[illegible] inaequalitate et colore differunt [illegible]

[illegible]

[illegible] unt sunt etiam magis ref. ex. [illegible]

[illegible]

[illegible]

base qua primum exierat [illegible] vel refracti. Ut autem certior fierem quinam [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Antonii Lucae [illegible] [illegible]

[illegible]

[illegible] estuant

Resdet [illegible] quibusdam intenemur aut bulis replen[illegible] experimentum capi potuit aut [illegible] [illegible] prohibeant [illegible] [illegible] Franciscus Zanotti commodans [illegible] [illegible] existum [illegible] in Anglia, non autem [illegible] nec [illegible] abitura in Italia et aliis in locis

[illegible] Neutonum non cognovisse prismate [illegible]

[illegible] pingunt immagines objectorum

[illegible]

[illegible]

fro [illegible] radiolorum et colorum distinctio [illegible] [illegible] inter se [illegible]

[illegible]

[illegible] simi[illegible]

[illegible]

[illegible]

diverse [illegible] ut [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] colorum [illegible]

[illegible] vero non semper [illegible] [illegible]

[illegible]

[illegible]

[illegible] prisma immediato [illegible]

[illegible]

[illegible]

[illegible]

[illegible] experientia [illegible]

tum [illegible]

Respo. Cum [illegible] monstravimus [illegible]

[illegible]

[illegible]

[illegible]

[illegible] verisimile [illegible] [illegible] quibus [illegible] [illegible] movet [illegible] [illegible] per [illegible]
Ea enim vividius fulgent rubei quam violacei. [illegible]

[illegible]

[illegible] ex [illegible]

[illegible]

[illegible] colores [illegible] [illegible] [illegible] colores sed [illegible]
major erat a foco distantia [illegible] [illegible] centem distincti videbantur colores in foco vero albedo sed ultra citraque focum distincti erant omnes colores [illegible] proportione [illegible] albedo [illegible]

[illegible] diversis capitibus [illegible] albedo [illegible]
bine tantum apparebant colores [illegible]

[illegible]
ratione permixtos monet [illegible] cæteros

[illegible] mixticus [illegible] a [illegible] ex mixtione [illegible] verum coloratorum quod non. Ergo.

[illegible] amictus [illegible] continet [illegible] ne comixti et quia ob inaequalitatem superficierum [illegible] os umbra [illegible]

Propositio unica

[illegible] ex [illegible] comixtis radiis componuntur colores omogenii alii plane similes, dissimiles alii

Probatur [illegible] experimentis [illegible]

[illegible]

[illegible] Idem novi generantur colores [illegible] quantitas [illegible] rubro [illegible] compositus [illegible]

[illegible]

[illegible]

est modo de coloribus corporum naturalibus [illegible]

[illegible]

raritate et densitate nos [illegible] radios ab iis reflecti

[illegible]

[illegible]

ita ut alba sint, si omnia variorum genera re

flectant certe autem colore tincta si certum

variorum genus pro cetero reverant colores

[illegible]

citus est item Neutonus.

[illegible] emergerent vata.

[illegible] cum vero cum inter

at

[illegible]

... ea vero [illegible] illud est notandum [illegible] ...

[illegible] prevaleat lux verit ad illum. Ita [illegible]

[illegible]

Propositio Secunda

[illegible] reflectunt ... diversa ... corpora ... profunditate, et crassitie

[illegible] ... tra telescopiorum ... [illegible]

[illegible]

[illegible] argumentando [illegible] [illegible] aqua [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] primis modo [illegible] [illegible]

[illegible] [illegible] propositionibus [illegible] [illegible]

[illegible]

[illegible] vivorum [illegible] [illegible] [illegible]

[illegible]

vel excitare nonnulli volent

Explicatur in conicis vitreis liquores [illegible] diversis coloribus [illegible]

[illegible]

conici vasis ubi summa liquoris crassities [illegible]

[illegible]

vel reflectantur ex parte altera [illegible] et [illegible], ut proinde ex reliquis [illegible] color [illegible]

[illegible]

et rubri, ex his componitur color fere aureus

[illegible]

[illegible] sive quando sunt tenuiores et [illegible] et [illegible]

[illegible]

[illegible] aurioris [illegible]

[illegible] retinent [illegible] excipiunt ut [illegible]

[illegible]

[illegible] Regresso itaque non secus ac [illegible]

simul [illegible] est composita et [illegible] ab albedine in manifestam [illegible]

[illegible]

[illegible] terminos exhibe[illegible]

[illegible]

reflectantur seu [illegible] quam [illegible] tertio quod ipsa [illegible]

[illegible]

in ventriculo nigrius apparere solet

[illegible]

De … [illegible]

Cum vero … verba fecerimus … [illegible] … constituunt … [illegible]

[illegible]

[illegible] naturalia [illegible]

[illegible]

isis innata [illegible]

[illegible] est tamen [illegible] constituere [illegible]

[illegible] historia distribuitur sit [illegible]

[illegible]

[illegible] quae [illegible] desiderari dicent [illegible]

[illegible] in tenebris obscurantur [illegible]

[illegible]

[illegible] autem servabit [illegible] natura [illegible] experimenta [illegible]

[illegible] autem [illegible]

[illegible]

um [illegible] non solum exsiccatas, et commotas [illegible] in natura [illegible]

[illegible]

sum enim dia [illegible]

[illegible]

[illegible] est an [illegible] 1535 [illegible]

[illegible] accenerunt a sole [illegible]

[illegible] observarunt non e [illegible]

umen [illegible] sed ea [illegible] que solus [illegible]

[illegible]

et [illegible]

[illegible]

[illegible] nostre [illegible]

[illegible]

De Astronomia

[illegible]

[illegible]

consequunt que maxime certe non sunt in sua corpore ut quidam [illegible]

[illegible] nolent subsistere: summa enim [illegible]

[illegible]

[illegible] astra et sol est [illegible] non [illegible]

[illegible] nunc agimus notionum de Stellis fixis [illegible]

[illegible]

ut cadem in se situs et positiones conservent. [illegible]

[illegible] non secus ac Sol liquet ex eorum vivaci [illegible]

[illegible] astra non debet [illegible]

[illegible] ad nos pervenire eorum [illegible]

[illegible]

apparent [illegible]

[illegible]

[illegible]
lumine splendente

[illegible]

ac jam exique apparent si ipse [illegible]

[illegible]

[illegible] observatores [illegible]

verius Astronomus qui [illegible]

[illegible] numerum enumerato [illegible] in varia signa

[illegible]

[illegible] diversa denominatione [illegible]

[illegible]

simul ex [illegible]

[illegible] quam illuminatam [illegible]

[illegible] convexum [illegible]

[illegible] non possit [illegible]
[illegible]
[illegible] dñs a [illegible]

[illegible] eorum [illegible] que olim [illegible]
[illegible]
[illegible] cum [illegible]

[illegible]

[illegible] in [illegible] inventus [illegible] que [illegible]
[illegible]
[illegible] uno [illegible] anno de [illegible]

[illegible]

[illegible]
[illegible] cum [illegible]
[illegible] a sole splendet nobis, in [illegible] autem [illegible]
[illegible]

[illegible]

[illegible] ... Nam ... [illegible]

[illegible] ... ita est ut solares ... [illegible]

[illegible]

... ad instar lunarem ... [illegible]

[illegible]

... in luna ... [illegible]

[illegible]

... simus ... [illegible]

[illegible]

0114

[illegible] in una tempore simul erant [illegible] [illegible] [illegible]

[illegible]

[illegible] in una [illegible] sunt [illegible]

[illegible]

[illegible] eorum [illegible] sunt nostri [illegible]

[illegible]

[illegible] cum in una non sint [illegible] in una [illegible]

[illegible] sunt in una [illegible]

[illegible]

erant homines in terra [illegible] [illegible] non est [illegible]

[illegible] nostri [illegible] enim non erant homines [illegible]

[illegible] non [illegible] una enim nobis [illegible] est [illegible]

[illegible] nostram [illegible] nec [illegible] una

[illegible]

[illegible] vero [illegible] in [illegible]

[illegible]

[illegible] medicare quam vocant [illegible]

[illegible] sit veluti medium inter [illegible] et [illegible]

[illegible] cum vero una [illegible] in conjunctione cum

[illegible] sunt contrariis [illegible]

[illegible] ut [illegible] visualis [illegible]

[illegible] constat [illegible] quae constant in [illegible]

[illegible]

[illegible] quo consequitur et sequitur [illegible]

[illegible]

Mercurius est corpus [illegible] opacum [illegible] non [illegible]

cus a [illegible]

[illegible]

[illegible] [illegible]

[illegible]

[illegible] [illegible]

[illegible] [illegible] ipsos [illegible] tantum [illegible]

[illegible] maculas [illegible]

[illegible]

vantur [illegible] sibi invicem parallelae [illegible] tamen non [illegible]

[illegible]

[illegible] a Sole [illegible] nec tantum [illegible] cum [illegible]

[illegible]

[illegible] perdurent ad plures menses, [illegible]

[illegible] ab aethere, et [illegible]

[illegible]

[illegible]

[illegible] distantia [illegible]

[illegible] vapor [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] per muchas dies et meses [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

constantique lege periodos suas absolvunt. Juxta observationes astronomorum [illegible]

[illegible] lumine [illegible] neque scintillant [illegible]

[illegible]

[illegible] testatur

[illegible]

[illegible]

[illegible] post [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ovevius conspicientur necesse est

[illegible]

[illegible]

De … et causa motus corporum caelestium

[illegible]

[illegible] vitio ... corpora coelestia [illegible]

[illegible] sequuntur [illegible]

[illegible] est nam [illegible]

[illegible]

[illegible] corporum coelestium [illegible]

[illegible] omnes enim [illegible]

[illegible] cum omni actioni contraria sit [illegible]

[illegible] corporum coelestium tum circa se [illegible]

[illegible]

conforme sit Naturae explicare, determinare.

De Sistemate Tyconico

[illegible] Branaeus nobilis danus cum Ptolemaicum sistema [illegible] [illegible]

[illegible]

[illegible] circuli [illegible] in [illegible] in [illegible]

[illegible]

[illegible] orbitae non perfecte circulares sunt [illegible] Tyconicum [illegible]

[illegible]

axem motu telluris [illegible]

[illegible]

[illegible]

cum [illegible] [illegible] Philosopho [illegible]

[illegible] autem [illegible]

[illegible] cum [illegible] immanem [illegible]

[illegible] veluti [illegible] distantia [illegible]

[illegible]

sunt motu et velocitate [illegible]

[illegible]

[illegible] sistema [illegible] quod [illegible]

[illegible]

[illegible] quod sua [illegible] [illegible]

[illegible] sistema [illegible]

[illegible] cometa qui [illegible]

[illegible] sidera [illegible]

[illegible]

[illegible]

[illegible] ... scientiam ... [illegible]

Sic quecumque alie scientie testimonia innuunt [illegible] ... [illegible]tatem [illegible]

[illegible]

[illegible] ... sub Urbano octavo

[illegible] ultimo [illegible] est [illegible] Sacris Litteris [illegible]

[illegible]

[illegible] utroque motu ... commune [illegible] non [illegible] tertia [illegible]

[illegible]

[illegible] terra sicut [illegible] una movetur [illegible]

[illegible]

[illegible] orienti movi [illegible] corporeum, quod est [illegible] terra movetur [illegible]

[illegible]

[illegible] machina universi motum [illegible]

unum [illegible] contrum [illegible] autem consulte sunt et summi [illegible] nonnisi a [illegible] [illegible] omnia que in [illegible]

[illegible]

um omnia ad unum [illegible]

[illegible] ex tota [illegible]

[illegible] omnia sint [illegible] nos [illegible]

[illegible] que nos [illegible]

[illegible]

[illegible]

Finis

1850

INDEX

INDEX

[illegible] — I
[illegible] ... ectum ...
... quot inventa ...
... sensu ... — II
... ones de principiis ... — III
[illegible]
... — [illegible]
... sunt mentis operationes ... — [illegible]
... est ...
[illegible]
Quid est pura intellectio
... exemplum
... est ... — [illegible]
... est ... ectum
[illegible]

Quid est actio externa? –
Quid est passio?
[illegible]
Quid est quando
Quid est situs
[illegible]
[illegible]
Debentne omnis hæc haberi ut fiat propositio.
[illegible] propositio
[illegible]
[illegible] est con[illegible]
[illegible]
[illegible] sunt, et [illegible]
[illegible] sunt com[illegible]
[illegible]
Veritas propositionis conditionalis unde oritur?
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Quid est qualitas
[illegible]
[illegible]
[illegible] est æquipollentia
[illegible]
[illegible] est [illegible]

150

...est ... causa ...
...est ignorantia ... 4
...est ... in ...
...ur sop...
...est quarta ... operatio ... modu...
...est ...
...est ...

... (ilidic.

... 6
... co.
...est ...tiam non sunt ... ... VA
...Platonis systema
...systema Democriti
...
...
...
...innat.
Exponitur Cartesianorum sententia ... innatis 88

[illegible] acquiruntur ex crebrarum rerum contemplatione ex cognitione [illegible]
[illegible] et ex parentum institutione - - - - - - - - - - - - - - 120
[illegible] rerum natura - - - - - - - - - - - - - - 13[illegible]
[illegible]
[illegible]
[illegible] - - - - - - - - - - - - - [illegible]
[illegible] claris et [illegible] et confusis - - - - - - - - 14[illegible]
[illegible]
[illegible]
[illegible]um internus sensus ad intellectum non ad v[illegible]
[illegible] defectibus sensus interioris et de remediis eorundem - - - - - - - 10[illegible]
[illegible] propositionum natura - - - - - - - - - - - - - - [illegible]
[illegible] duabus propositionibus singulariter sibi contradicentibus de futuro contin[genti]
[illegible] una est determinate vera altera determinate falsa
[illegible] propositionum - - - - - - - - - - - - - - - 170
[illegible]
[illegible] non potest [illegible]
[illegible] in rerum sensibilium [illegible] clara et distincta [illegible]
[illegible] - - - - - - - - 18[illegible]
[illegible] principio contradictionis et [illegible] veritat[illegible]
[illegible] veritatis primum [illegible]
[illegible] - - 1[illegible]
[illegible]

physicas et commercium

cum proprietatibus

proprietatibus demonstratio

de Scientia

Utrum in nobis aliqua atrouatur rerum scientia Physica

... aliquarum rerum scientia metaphysica

nec innixa scientiam sunt certa nosse;

Pars [illegible] Logices

... itate contradictionis sive ...

Philosoph

... est Ontologia sive ...

... est Pneumatologia

[illegible]

[illegible] necessarie [illegible]osmosophia

[illegible]

[illegible]

[illegible]

[illegible]

Quid est possibile?

Quid est impossibile?

[illegible]

[illegible]

Quid est necessarium? ... [illegible]

Quid est necessarium quoad essentiam

Quid est necessarium [illegible]

Quid est necessarium [illegible]

Quid est necessarium [illegible]

Quid est necessarium ad existentiam

[illegible] necessarium [illegible]

[illegible] contingens?

Quid est substantia? ... ASB.

Quid est motus?

Quotuplex est motus?

Quid est motus [illegible]?

Quid est motus [illegible]

[illegible]

Quid est [illegible] realis

[illegible]

Quid est essentia
[illegible]
Quid est [illegible]
Quid est identitas
Quid est unum sive unitas
[illegible]
[illegible]
Quid est distinctio
Quotupliciter est distinctio
[illegible]
Quid est distinctio rationis
Quid est distinctio formalis
[illegible] 151
Quid est subsistentia
Quid est suppositum
Quid est subiectum
[illegible]
Quid est causa
[illegible]
[illegible]
Quid est causa efficiens
[illegible]

Quid est causa [illegible]

Quid est causa prima

Quid est causa secundaria

Quid est causa instrumentalis

Quid est causa immediata

Quid est causa m[illegible]

Quid est causa [illegible]

Quid est causa [illegible]

Quid est relatio

Quotuplex est relatio

[illegible]

[illegible]

[illegible]

Quotuplex est [illegible]

[illegible]

[illegible]

[illegible] est perfectio

[illegible] est perfectio absoluta

[illegible]

[illegible] est perfectio

[illegible]

... demonstratio ... existentiae Dei ... 4

... demonstratio ... ex natura

Prima demonstratio ... ex animi nostri affectionibus

... demonstratio ...

... demonstratio ... ex ... sensuum ...

... primam demonstrationem ... 185

[illegible] in homine est naturam sui immortali[illegible] - - 303

[illegible] mente humana est [illegible]

[illegible] istarum memoria

[illegible] ratione animae humanae

[illegible] adversus [illegible]

[illegible] adversus extrinsecam animi humani immortalitatem - - [illegible]

[illegible] non est Deus nec pars Dei aut eius attributum - - 428

[illegible] non est anima [illegible] nec pars eiusdem - - 429

[illegible] non [illegible]

[illegible] et omnia [illegible]

[illegible] creantur [illegible]

[illegible]

sumest in anima ex ... [illegible]

externe causæ, omnes suo motu ... serie continua ... [illegible]

sicut ratio sufficiens sit in motione ... [illegible]

... [illegible]

... causarum ... non est ... [illegible]

... [illegible]

mens nostra semper ... [illegible]

Vera ...

... ratio ... [illegible]

[illegible] *Producatur* [illegible] *materie partium* [illegible]

[illegible] 7

[illegible]

[illegible] 9015

[illegible] *seu exaerientia* [illegible] *motum*

[illegible]

[illegible] *vel ut intrinseco calore maxime* [illegible] 412

[illegible]

[illegible]

[illegible] retracti

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] lineam qua [illegible]

[illegible]

Leges naturae

[illegible]

[illegible]

[illegible]

Lex secunda

[illegible]

[illegible] secundum lineam [illegible] qua vis illa imprimitur

[illegible]

[illegible]

[illegible] in se mutuo sunt aequales et in partes contrarias diriguntur semper [illegible]

[illegible] in corporibus in se invicem agentibus

[illegible] mutationes [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]
De Iuois Cantidarum ... 578
[illegible] ... 570
[illegible]
rium e usum [illegible]
[illegible]
[illegible]
[illegible]
ue nuove organum auditus [illegible] ... 582
De Meteoris aereis ... 586
De ventis
[illegible]
[illegible] ventus ... 588
De Aqua ... 590
De Tonitruis ... 591
De Nube ... 592
De Pluvia ... 593
De Nive ... 594
Grandine ... 595
Rore Maturino ... 597
[illegible]
De Mare ... 598
[illegible]
sunt derivata
De ... aquarum maris atque salsedine ... 606
De [illegible]

[illegible]

[illegible]

Propositio [illegible]

Propositio [illegible] consistit in [illegible] substantiae corporum

[illegible]

[illegible] per [illegible] nostram [illegible]

[illegible] lucis reflexione

Propositio Reflexio luminis ab anteriori superficie [illegible]

[illegible] est [illegible]

De corporum pelluciditate et opacitate [illegible]

[illegible]

[illegible] omnes [illegible] pluvies [illegible]

[illegible]

[illegible] pervenirent et immutantes colores [illegible]

[illegible] qui mag[illegible]

[illegible] sunt etiam magis [illegible] [illegible]

[illegible]

[illegible] oriuntur colores homogeneis [illegible]

[illegible] corporum naturalium

680

... corpus ... ratio ...

ita ut nec sint si omnia ... genera reflectant certo autem colore

... 32

...

...

De rotunditate et crassitie ... 6.33

De ... 0.35

...

De Cornoticus ... 33

...

6.39

De Stellis ...

...

...

...

... 40

Cometis

De Cometarum Caudis

... et causa motus ...

... motibus ...

...

... Ptolemaico

De Systemate Copernicano

Finis

68/2

[illegible]

584

Elementi di Geometria

[illegible]

Lo studio della Matematica [illegible] [illegible] [illegible]

[illegible]

[illegible] in [illegible] [illegible]

Definizione e divisione della Geometria

La Geometria non è altro che una [illegible] e [illegible] delle quantità [illegible] [illegible] ha tre dimensioni una riguardata nella lunghezza, l'altra nella larghezza,

la terza nella grossezza ossia profondità quantunque non si dia in natura un corpo il quale non abbia tutte e tre queste dimensioni, ciò non ostante si può col pensiero rivolgersi a contemplarne, ed esaminarne una sola astraendola dal tutto onde risulta il corpo, e considerandola per se sola come divisa dalle altre però si possono riguardare nel corpo distintamente e superficie e linea. La linea è una protrazione di punti in lungo senza alcuna larghezza, o profondità; così io posso d'una strada considerare astrattamente la pura lunghezza senza insiememente mettere la larghezza nel suo piano o la profondità nel terreno su cui è situata se poi io considero questa lunghezza nel suo principio, o nel suo termine tali estremi della lunghezza chiamansi punti così egualmente se considero la linea divisibile in molte parti gli estremi onde è la divisione chiamansi punto. La superficie altro non è nel compimento matematico che un aggregato di linee negli estremi della grossezza del corpo così che la superficie è riguardata in lunghezza, e larghezza, ma non in profondità alcuna. I Geometri adunque per computare e supputare le quantità e grandezze de corpi, e le loro proporzioni ove astraggono da medesimi, ne' loro rispetti [illegible] considerano concretamente ne solidi. [illegible]

[illegible] tre sono le porzioni della Geometria la prima che si chiama delle linee la seconda delle superficie la terza [illegible]

[illegible] ancora [illegible] nelle materie [illegible] le linee rette [illegible]

[illegible] la misura loro e la loro grandezza [illegible]

de solidi si oserva la quantità e la loro misura nelle loro proporzioni [illegible] trattiamo [illegible]

[illegible]

La linea rappresentando i Geometri siccome prodotta da un flusso di punti [illegible] [illegible] rotta [illegible] retta. Figura prima

Curva si chiama la linea se il punto che la descrive in ciascun momento continuamente [illegible] direzione. Figura seconda

Scoglio

[illegible] così semplice la nozione della [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

sia superficie piana situate la superficie che hanno i medesimi termini

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

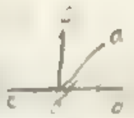
circolo. Le due linee rette concorrono in qualche punto [illegible] angolo. La misura [illegible] è l'arco che i lati di loro comprendono [illegible] grandezza dell'angolo e calla di lui

sommità [illegible] [illegible] ma nei [illegible] la misura [illegible] angolo [illegible] non è [illegible] questo [illegible] che equi= sono ai angoli se [illegible] sono di arche della sommità degli angoli e [illegible] mente [illegible] Così quando si dice che un angolo è duplo dell'altro al= tro non s'intende di dire se non che un [illegible] è [illegible] dell'altro. La natura dunque dell'angolo consiste nella maggiore o minore inclinazione [illegible] [illegible] da un altra [illegible] angolo un mero [illegible] linee non si [illegible] chiamare estensione [illegible] estensione [illegible] che un angolo [illegible] dire se non se d'una [illegible] con un altra [illegible] [illegible] l'angolo non [illegible] [illegible] dell'angolo all'arco del circolo.

[illegible] circolo si suol dividere in [illegible] parti [illegible] [illegible] 60 minuti primi ciascun minuto primo si [illegible] [illegible] per la linea sovrapposta [illegible] [illegible] gradi [illegible] che sarebbe [illegible] somma [illegible] come sarebbe 25 [illegible] 25 minuti secondi [illegible] minuti terzi e così discorrendo [illegible]

[illegible] mutua posizione [illegible] si [illegible] degli angoli

[illegible] da un altra [illegible] quando [illegible] [illegible] gli angoli quindi [illegible]

angolo retto [illegible] 

[illegible] se una retta [illegible] sopra d'un altra venga a fare due angoli inuguali, [illegible] sia maggiore [illegible] minore [illegible] primo si chiama angolo ottuso [illegible] secondo [illegible] figura quanto vedi [illegible]

[illegible] conseguentemente anche tirate in infinito non mai concorrono [illegible]

[illegible] definizione [illegible] manifesta [illegible] posizione tra di loro solamente con [illegible] in un sol punto [illegible] [illegible] amento commune si può fare soltanto in [illegible] né possono passare [illegible] [illegible] mutarebbe direzione [illegible] linee rette [illegible] [illegible] [illegible] ogni parte è spatio [illegible] chiuso [illegible] ogni parte [illegible] figura [illegible] manifesto dalla nozione della figura ne' corpi solidi, la quale altro non è che un limite del medesimo d'ogni parte che si riguardi il solido

La figura può essere di molte sorta, secondo le diverse forme [illegible] si riguardi il solido o astrattamente o fisicamente

La figura prima da considerarsi è il circolo ma questa abbiamo [illegible] e [illegible] circolo siamo venuti nella nozione del angolo ora sarà [illegible] figure [illegible] concorso delle linee rette [illegible] angoli e dalla diversa loro dimensione e dal diverso [illegible] loro [illegible] denominazioni.

Vi è una figura quale se è chiusa e terminata in tre linee le quali concorrono in un sol punto in tre luoghi chiamasi triangolo perchè le tre linee le quali diconsi i lati del triangolo concorrendo in un sol punto in tre luoghi costituiscono tre angoli. Fig 7 Una tal figura prende diversi nomi dalla diversa proprietà de lati e degli angoli

Se i lati sono equali dicesi il triangolo equilatero Fig 8

Se poi solamente due lati sieno equali e non tutti tre il triangolo si chiama isoscele e finalmente se all'opposto tutti i lati sono inequali dicesi triangolo scaleno Fig 9

Così pure riguardando la natura degli angoli se il triangolo ha un angolo retto dicesi triangolo rettangolo Fig 10

Se poi ha tutti gli angoli acuti nomasi triangolo acutangolo Fig 11

E per fine se l'angolo fia ottuso dicesi triangolo ottusangolo Fig 12

Lo spatio può essere terminato e circonscritto non pure da tre linee ma ancora da quattro. Ciò tenendo l'essere terminata da quattro limiti o lati che rinchiudono lo spatio concorrendo vicendevolmente ne loro estremi ad agiugnersi in un sol punto appelasi generalmente un quadrilatero Fig 13

Che se gli lati della figura sono equali e nella agiunzione loro constituenti angoli retti il quadrilatero chiamasi allora quadrato Fig 14 ma solamente dicesi rettangolo se i due lati opposti siano maggiori degli altri due sussistenti però gli angoli retti Fig 15

Chiamasi paralelogrammo una figura quadrilatera i di cui due opposti lati sono vicendevolmente paraleli abbenche gli angoli compresi ne lati non siano retti Fig: 16

Se una figura quadrilatera è equilatera, ma non rettangola dicesi rombo Fig: 17

Rumboide si chiama se abbia soltanto i lati opposti equali Fig 18

Finalmente qualunque quadrilatero che diverso sia da questi che ora 16

abbiamo annoverati [illegible] trapezio fig. 19

Se poi una figura sia terminata da più di quattro lati dicesi generalmente un poligono, e i lati saranno cinque dicesi pentagono se i lati, fig. 20.

Se avrà sei lati dicesi esagono fig. 21

Se ne avrà sette dicesi ettagono fig. 22

La figura poligona è regolare quando è equilatera ed equiangola

[illegible]

[illegible] sicchè

Quelle cose sono eguali [illegible]

[illegible] inegualianza dele dati lati, la convenienza delle medesime o sia coincidenza, e in secondo luogo da questa coincidenza di tutte l'altre parti e quindi [illegible] figura, ma [illegible] e confrontar [illegible] con questo solo principio congiunto alla nozione, e riguardo della misura del

an

[illegible] archi circolari si possono dimostrare tutte le proposizioni le quali [illegible] degli Elementi [illegible]

Lezione Prima

della Geometria delle linee

Capo primo

[illegible] mutua

loro posizione non terminate però da

[illegible]

Proposizione Prima

[illegible] angoli eguali a due retti

Si dimostra [illegible] come [illegible] contra [illegible] fig. 23. [illegible]

sono retti a c C [illegible] nel altro caso [illegible]

in sieme sono eguali ai due angoli a e c a e f cioè a due retti.

[illegible]

[illegible] però la linea r e in o per la medesima ragione [illegible]

gli angoli [illegible] e o [illegible]

[illegible]

entro e si descriva un circolo [illegible] dei quattro angoli sarà [illegible]

[illegible]

la mezza della circonferenza cioè 90.°

Corollario Secondo

[illegible]

[illegible] La

[illegible]

[illegible] retta secondo la data definizione eguale è [illegible] per gli angoli d'ambedue parti eguali la retta q e è perpendicolare a c f [illegible] ne i punti c f, possono prendersi ad arbitrio tra c e [illegible]

Corollario Quarto

[illegible] unque intervallo eguale ec ef si descrivano gli archi del circolo questi [illegible] perpendicolare che si cerca per le distanze gc, gf, [illegible] ec, ef, qua[illegible]

[illegible] punto h fuori della retta sia posto, [illegible] cosa manifesta [illegible] la retta [illegible] agli angoli eguali, o vero così manifesta [illegible] perpendicolare [illegible] concorrere ad una data linea [illegible] non [illegible] la retta perpendicolare più da una parte che da

un

un'altra ne piegando a destra ne a sinistra e però brevissima è una dal punto dato alla data linea. Finalmente è certo che dal dato punto alla data linea una sola perpendicolare si può condurre.

[illegible] fatta la stessa operazione se l'arco [illegible] in due parti eguali si proponga da trovarsi dei punti C, [illegible] come da centro e nello [illegible] si descrivano di archi del circolo, i quali si tagliano in q, e poi dalli stessi punti [illegible] ciascuno de medesimi intervalli si descrivano gli archi vicendevolmente secantisi in n, la retta n q [illegible] C [illegible] egualmente [illegible] distante ciascuno de' punti della [illegible] sarà come [illegible]

Proposizione Seconda

[illegible] sono parallele [illegible] sarà primieramente l'angolo o f d, il quale si dice esterno eguale all'angolo opposto o g b, il quale si chiama interno. Secondariamente saranno eguali gli angoli [illegible] e f c, [illegible] [illegible] [illegible] gli angoli interni [illegible] dalla stessa parte [illegible] q b saranno eguali a due retti.

[illegible] dimostra quanto alla prima parte [illegible] linee parallele [illegible] fra di loro egualmente [illegible] stesso eguale intervallo [illegible] [illegible] consiccome [illegible] [illegible] stessa inclinazione alla retta [illegible] l'angolo o f d eguale all'angolo o g b.

Quanto [illegible] alla seconda parte della proposizione [illegible] angolo [illegible] per [illegible] dalla prima proposizione saranno [illegible] eguali gli angoli b g [illegible]

Finalmente riguardo alla terza parte [illegible] gli angoli o g [illegible] [illegible] due retti per la proposizione prima saranno [illegible] eguali a [illegible] retti [illegible]

Ygo.

[illegible] [illegible] l'angolo o f [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] e d o [illegible] [illegible]

[illegible] parallele fra [illegible] e a due rette [illegible] egualmente [illegible] interni [illegible] interno [illegible] le rette a o c d saranno parallele [illegible] sarà [illegible] delle rette [illegible] che quelle rette sono tra di loro sono parallele [illegible] dimostrar [illegible]

Corollario Primo

[illegible] a o [illegible] saranno pure parallele fra [illegible] che rette k h b [illegible]

Corollario Secondo

e per il [illegible] convenga condurre la retta c d parallela ala retta a o [illegible] come centri e nello stesso raggio archi eguali [illegible] sarà la retta [illegible] parallela ala stessa a o.

Capo Secondo

Dela [illegible]

Proposizione Prima

[illegible]

Si dimostra, imperciocche descrivendosi dal centro e conducendosi [illegible] estremi [illegible] per la deffinizione [illegible]

corda tutti gli altri punti hanno una eguale distanza da medesimi estremi questa si corolario certo della prima proposizione, per la qual cosa anche il punto o equalmente dista dai punti f m.

Dall'opposto ciascuna retta e o passante per il centro è equalmente dividente la corda quale è pure perpendicolarmente [illegible] imperciochè dividendo la f m e o la corda equalmente il punto o equalmente dista dagli estremi f m, e che poi la retta e o passa ancora pel centro, il punto è equalmente distante dagli estremi f m. Ciò vero, i punti o, e equalmente distano da punti f m, e però e o è perpendicolare ad f m.

Pare ora la retta e o sia perpendicolare alla corda, questa equalmente partisce quella retta passa pel centro imperciochè [illegible] la corda equalmente equalmente i punti o dista dagli estremi f m [illegible] essendo ella perpendicolare ciascuno di que punti pure equalmente dista da punti f m, sarà dunque il centro e qualche punto di questa perpendicolare.

Proposizione Seconda

[illegible] la retta e o passante pel centro divide equalmente la corda [illegible] equalmente pure divide

l'arco f n m

Si dimostra imperciochè essendo ciascun punto della retta e o equalmente distante da punti f m, eguale sarà la distanza del punto n dagli estremi f m, imperò se il semicircolo f m n si sovrapponga al semicircolo f n, converrà il punto m col punto f, ed ancora il punto n, converranno pure le corde n m, f n, [illegible] medesime corde

[illegible] Prima

[illegible]

[illegible]

[illegible]

[illegible] imperciochè convenendo [illegible]

[illegible]

Corollario Secondo

[illegible] medesimo sem[icir]colo, o ne' semicircoli eguali quanto maggiori sono [illegible] maggiori o minori sono [illegible] più o meno vicine al centro [illegible] opposto quanto maggiori sono o minori [illegible] e più o meno vicine al centro tanto più o meno grandi sono [illegible]

Corollario Terzo

[illegible] corda [illegible] nel diametro [illegible] intersecata parallele [illegible] [illegible] rimanenti [illegible] arco [illegible] eguale [illegible] [illegible] diametro [illegible] eguali al arco [illegible]

Corollario Quarto

[illegible] con moto [illegible] centro [illegible] tangente cioè tocca in un sol punto il circolo [illegible] è evidente che anche in tal caso g n è eguale a g m

Corollario Quinto

[illegible] si dimostra [illegible] un circolo [illegible] rette [illegible] [illegible] circonferenza

Corollario Sesto

[illegible] arco [illegible] in due equali [illegible] la corda la quale sottende il dato arco, e questa egualmente si divide per la retta perpendicolare, la stessa perpendicolare [illegible] pure l'angolo misurato dall'arco egualmente in due [illegible]

Scolio

[illegible] questo corolario si dimostra come facilmente si possa [illegible] in due [illegible] in seguito [illegible] parti e conseguentemente, e [illegible] secondo i termini della nuova [illegible] Geometria [illegible] nella Geometria elementare noi si [illegible] parti eguali [illegible]

[illegible]

[illegible]

[illegible] della questione che abbiamo veduto [illegible]

[illegible] la divisione angolare tutta che non appartenga alla [illegible]

[illegible]

Proposizione [illegible]

[illegible] nel punto del contatto e perpendicolare alla tangente

[illegible] il circolo in un sol punto [illegible] centro [illegible] perpendicolare alla tangente

[illegible] estremità del raggio [illegible] ogni altro punto della retta [illegible] più dista dal centro che il punto [illegible] Dunque ogni punto fuori di a giace [illegible]

Corollario Primo

[illegible] una sola [illegible] alla proposizione prima [illegible]

Corollario Secondo

[illegible] una tangente [illegible] pq [illegible] vt

Corollario Terzo

[illegible] qualunque retta si [illegible] questa [illegible] colla tangente o taglia la circonferenza

Corollario Quarto

[illegible] $o\ r\ c$ $q\ o\ r$ abbiano [illegible] la retta pq [illegible] medesima [illegible] $q\ o\ s$ [illegible] $q\ o\ q$ ed in v la tangente vt [illegible] sempre nel triangolo $q\ s\ o$ il lato $o\ s$ minore [illegible] cs [illegible] essendo i raggi $o\ s$ e o [illegible] sarà la retta ps minore che pq o sia po [illegible] ps [illegible] $q\ o\ r$ [illegible] ne [illegible] incontrano [illegible] toccano la retta vt.

Scoglio

[illegible] la tangente [illegible] circolo [illegible] retta linea [illegible] sua [illegible] benche [illegible] infinita di circoli in [illegible] veramente minore egli sia d'ogni angolo

[illegible] geometria [illegible] a [illegible] natura [illegible] quella [illegible] natura [illegible] imperciocchè siccome infinite linee [illegible] una di queste quantità benche in esse infinite [illegible] contatti infiniti dell angolo sono minori d'ogni rettilineo [illegible] infinite [illegible] la Geometria [illegible] nome di angolo [illegible] ten [illegible] porzione [illegible] in una [illegible] [illegible] d'onore [illegible] porzione [illegible] considerata in se stessa [illegible] convenire [illegible] angolo [illegible] e spiegata dal definizione la quale è affatto [illegible] [illegible] necessale [illegible] Geometria intorno [illegible] quest' angolo [illegible] checche sio [illegible] [illegible]unque intende, e pentra le geometria [illegible] necessariamente [illegible] l'angolo del contatto ed è minore d'ogni rettilineo [illegible]

Proposizione Quarta

[illegible] compres[illegible] terzo arco [illegible] [illegible] una retta [illegible]

$$ r a q - a q = r a = \frac{1}{n} a d $$

[illegible]

Proposizione Quinta.

[illegible] alla circonferenza [illegible] arco cd intercetto da lati ac, ad

[illegible] tangente cd [illegible] $bac + cad + eae = 180°$ $= \frac{1}{2}$ $ac + \frac{1}{2} cd + \frac{1}{2}$ [illegible] angoli bac [illegible] misurati da $\frac{1}{2} ac$ [illegible] angolo $eae = \frac{1}{2}$ [illegible] l'angolo $cad = \frac{1}{2} cd$

Corollario Primo

[illegible] angolo [illegible] al centro è doppio dell'angolo dac alla circonferenza sotteso allo stesso arco cd

Corollario [illegible]

[illegible] angolo [illegible] nella circonferenza del circolo comprende ne' suoi lati [illegible] circonferenza [illegible] per tutto il Diametro, l'angolo acuto intercetta un arco minore della semicirconferenza [illegible] maggiore l'uno e l'altro si sottende colla corda.

Corollario [illegible]

[illegible] $\frac{1}{2} bd + \frac{1}{2} ce$ [illegible] $= ba$ [illegible] $\frac{1}{2} b$ [illegible] $\frac{1}{2} bd$ [illegible] $\frac{1}{2} be$ [illegible] $\frac{1}{2}$ [illegible] ce [illegible] $\frac{1}{2}$ [illegible] $= \frac{1}{2} bd \pm \frac{1}{2} ce$.

Corollario Quarto

[illegible] bac [illegible] intercetto dalla tangente ad, e dalla secante ae [illegible] $bd - \frac{1}{2} bc$. [illegible] tangente [illegible] punto b [illegible]

comprenderanno . n 6 Per simile l'angolo d a b compreso fra le due tangenti a b d, ha per misura $\frac{1}{2}$ . . . b . . $\frac{1}{2}$. C 6

Capo Terzo

Delle rette linee che chiudono lo spazio, o sia delle proprietà delle figure rettilinee

Proposizione Prima

In ciascun triangolo la somma de' tre angoli è uguale a due retti

[illegible] imperciocchè si descriva un circolo per i tre vertici degl' angoli giusta il corollario secondo della seconda proposizione del capo secondo sopra il triangolo inscritto in un circolo, le di cui corde saranno i tre lati, gli angoli hanno per misura la mezzo arco sotteso dai lati opposti giusta la proposizion sesta del capo [secondo] Dunque la somma de' tre angoli è uguale alla mezza somma de' tre archi, o sia alla mezza circonferenza cioè di gradi 180

Corollario Primo

In un triangolo vi è una specie di angolo retto, o ottuso, e gl'altri due sono acuti, però in un triangolo rettangolo l'angolo acuto è il compimento dell'altro rispetto al retto

Corollario Secondo

Dati due angoli in un triangolo si dà anche il terzo, il quale è la differenza fra la data somma de' due angoli e i gradi 180 se poi un solo angolo sia dato, per cui la somma de' due altri la quale è il complemento di due retti, si suol chiamare semplicemente supplemento

Corollario Terzo

In ciascun triangolo A B C fig. 31 prodotto il lato B C, l'angolo esterno A B I è uguale a due angoli interni opposti A C B C A B imperciocchè la somma dell'angolo esterno A B I, e del interno contiguo A B C è uguale a due retti giusta la proposizione prima, e lo stesso ma la somma de' tre angoli A C B C A B eguale pure è a due retti: dunque l'angolo esterno A B I è uguale ai due interni opposti A C B, C A B tolto cioè l'angolo commune A B C

Proposizione Seconda

in

in ogni triangolo il lato maggiore si oppone all'angolo maggiore, il minore al minore; e viceversa l'angolo maggiore al lato maggiore, e il minore al minore

Si dimostra. [illegible] inscritto un triangolo in un circolo l'arco maggiore misura il maggior angolo e la corda maggiore sottende il maggior arco e [illegible] opposte per il corollario secondo della seconda proposizione caso secondo

Corolario Primo

In un triangolo equilatero tutti gli angoli sono eguali fra di loro e viceversa se i tre angoli sono eguali fra di loro il triangolo è equilatero imperciocchè inscritto come prima un triangolo in un circolo i tre lati eguali diverranno tre corde eguali del circolo, le quali però sottenderanno tre archi eguali e perciò eguali pur sono i tre angoli [illegible] conseguente cosa che ciascun angolo è la terza parte di gradi 180, cioè gradi 60

Corolario Secondo

In un triangolo isoscele sono eguali gli angoli opposti ai lati eguali; e per contrario se due angoli in un triangolo sono eguali il triangolo è isoscele come apparisce dal corolario precedente

Proposizione Terza

Se in due triangoli sieno i tre lati eguali [illegible] i triangoli saranno eguali cioè in tutto [illegible] stessi

Si dimostra. [illegible] AB = ab AC = ac BC = bc [illegible] si [illegible] AB come da centri [illegible] gli archi FCG, DCE i quali [illegible] si secano in C [illegible] triangolo abc si sovrapponga in tal guisa il triangolo ABC che il punto a convenga col punto A il punto b [illegible] per AB = ab e per ac = AC [illegible] [illegible] inguisache [illegible] arco FCG [illegible] per bc = BC [illegible] bc sarà terminata [illegible] punto dell'arco DCE [illegible] [illegible] si congiungono [illegible] mente in c [illegible] l'una e l'altra sarà terminata nel punto dell'intersezione C [illegible] [illegible]

[illegible]

[illegible] ac converrà AC bc con BC [illegible] triangolo abc [illegible] ABC

Corollario Primo

[illegible] angolo A = a B = b C = c [illegible] AB = ab sarà il triangolo ABC = al triangolo abc il lato ab s'imponga al lato AB [illegible] a = A e b = B [illegible] ac in AC e bc in BC [illegible] ac bc e AC BC nel istesso punto si congiungeranno [illegible] c [illegible] in C e tutto il triangolo ABC converrà col triangolo ABC [illegible] maniera [illegible] omologhi [illegible] ac AC [illegible] omologhi [illegible] equali sono i due triangoli se gli angoli di uno equali sieno agli angoli dell'altro [illegible] se i triangoli abbiano un sol lato omologo equale

Corollario Secondo

[illegible] due triangoli averanno due lati equali e gli angoli [illegible] intercetti [illegible] questi lati i triangoli in tutte [illegible] saranno [illegible] equali sia AC = ac AB = ab e l'angolo A = a [illegible] AB al lato ab ed il lato AC al lato ac per gli angoli A, a equali [illegible] converranno [illegible] AC = ac AB = ab [illegible] c [illegible] in C ed b in B [illegible] bc converrà con BC

[illegible]

[illegible] triangoli inequali abbiano equali angoli [illegible]

[illegible]

[illegible] s'impongano [illegible]

[illegible] omologhi equali comprendono [illegible]

angolo equale nell'uno, e nell'altro

triangolo sarà [illegible]

al terzo lato

[illegible] mostra [illegible] D [illegible] 33 [illegible]
B [illegible] F sopra il lato [illegible] B C [illegible] E [illegible]
B [illegible] FE [illegible] C
[illegible] B [illegible] C et B sara [illegible]
[illegible] alla retta A C [illegible]
[illegible] angolo F si [illegible] C [illegible]
mostra [illegible] la retta D E parallela alla retta A B [illegible]
rette F D, B C [illegible]

[illegible] se [illegible] nel [illegible]
si [illegible] la retta F [illegible] alla retta A C [illegible] B [illegible]
B C A, [illegible] B e [illegible] B A C [illegible] triangoli
quali hanno angoli rispettivamente uguali [illegible]

Propositione [illegible]

Qualunque poligono si [illegible] in tanti triangoli
quanti sono i lati del poligono [illegible]

[illegible] C [illegible] B [illegible] si
possono [illegible] tanti
sono i triangoli quanti sono i lati [illegible]

[illegible] altra ragione [illegible] si possono [illegible]
[illegible] tanti [illegible]
quanti [illegible] si possono [illegible] quali [illegible]
[illegible] un angolo del poligono [illegible] altro [illegible]
[illegible] tanti sono i triangoli, quanti sono
i lati del poligono [illegible]

Corollario Primo

[illegible] poligono [illegible] 1800
nel numero [illegible] 1800 [illegible] triangoli
del poligono [illegible]

ne quali è diviso il poligono toltine gli angoli il cui vertice è in C & questi angoli dei quali la somma è 360° per la proposizione prima del corol. che tanti sono i triangoli quanti i lati dunque la somma di tutti gli angoli del poligono è eguale al prodotto di 180° de' lati nel numero de' lati meno due se il poligono avrà sette lati la somma degli angoli è ~~angoli~~ = 180 × 7 − 2 = 900 [illegible]

Lo stesso pure è evidente se il poligono si divida in triangoli per mezzo di diagonali imperciocche sarà la somma degli angoli in questi triangoli eguale agli angoli del poligono e però questa somma è eguale al prodotto del 180 nel numero de triangoli cioè nel numero de' lati del poligono toltine due

Corollario Secondo

Ciascun poligono regolare si può inscrivere in un circolo. Si dividano in due parti eguali gli angoli del poligono per le rette AC BC DC EC queste rette vicendevolmente si segheranno in C e saranno fra loro eguali imperciocche le rette AC BC concorrendo fra di loro nel punto C faranno triangolo ABC e similmente le rette BC DC formano l'altro triangolo BCD. Ma due triangoli sono eguali imperciocche essendo gli angoli del poligono regolare eguali e dividendosi egualmente eguali sono gli angoli CAB CBA [illegible] e eguali pure gli angoli CBD CDB e inoltre eguali sono i lati AB BD dunque sono isosceli ed eguali i triangoli ABC BCD per il corollario secondo della terza proposizione. Però AC = DC = BC e per il comune BC il punto d'intersezione C delle rette AC BC cade nel punto dell'intersezione C delle rette BC DC. Lo stesso vale delle altre rette EC FC ecc. discorrendo

Corolario Terzo

[illegible] il poligono in tanti triangoli isosceli ed eguali quanti sono i lati

[illegible] del decagono [illegible] è di gradi 36 [illegible] e [illegible] tutto de gradi 360 [illegible] per il numero de lati [illegible] il lato del decagono [illegible] dell'arco di gradi 36

Corollario Quarto

[illegible] dato [illegible] un esagono regolare inscritto in un circolo [illegible] del circolo [illegible] al centro C, in sei triangoli [illegible] triangoli sono [illegible] C [illegible] C [illegible] eguali [illegible] AB equivalente a 60 gradi [illegible] CAB ABC sono ancora di 60 gradi e però CA = AB

Corollario Quinto

Ciascun poligono regolare si [illegible] circoscrivere [illegible] entro un poligono regolare si può descrivere un circolo [illegible] tocchi tutti [illegible] [illegible] imperciochè [illegible] un poligono regolare inscritto [illegible] tutte [illegible] eguali [illegible] corde [illegible] distanti dal centro per il corollario primo della proposizione seconda del caso secondo, perciochè se dal centro C si conducano perpendicolari [illegible] CI CH queste divideranno le corde e saranno eguali [illegible] per ciascuna estremità [illegible] si potrà descrivere un circolo [illegible] punto di mezzo [illegible] [illegible] corollario primo della terza proposizione del caso secondo

Corollario Sesto

Quindi dato un poligono regolare si [illegible] circoscrivere un circolo [illegible] e [illegible] centro [illegible] questo [illegible] facilmente si circoscriva [illegible] circolo [illegible] del poligono regolare [illegible] facilmente si inscrive un circolo [illegible] trovato il centro [illegible] si tragga una [illegible] questa sarà raggio del circolo.

[illegible] un poligono regolare si [illegible] circoscrivere [illegible] circolo [illegible] dividendo 360 per il [illegible] numero de lati [illegible] IK [illegible] estremità KI [illegible] raggio

C K a si descrivo un retta indeterminata C B di [illegible] K e si innalzi una perpendicolare G K B occorendo C B nel punto B si trasferisca K B in K G, sarà G B il lato del poligono che si ricerca, in simile maniera si ritrovano gli altri lati oppure ancora dal raggio C B si descriva un circolo [illegible] G B [illegible]
[illegible]

Con eguale costruzione si inscrive in un dato circolo un poligono regolare [illegible]
[illegible] nel dato circolo eguale a tal [illegible] la corda di quest' arco sarà il lato del poligono [illegible] si trasferisca quella corda per tutta la circonferenza si avrà [illegible]

[illegible]

[illegible] si ha in universale costruzione geometrica [illegible] così il [illegible]
[illegible] 10 20 [illegible]
[illegible] altri poligoni come l'ettagono, ennagono, l'endecagono non si possono inscrivere geometricamente se non per costruzione [illegible]
no a [illegible] dato grado

§ [illegible]

Potendosi un poligono regolare inscrivere e circonscrivere in un [illegible]
[illegible] circolo

ia minore è ti massimone su nosta differenza allora il circolo si [illegible] quantità dx [illegible] minore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tra quelle unità [illegible] [illegible] [illegible] [illegible] minore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quantità [illegible] [illegible] secondo ed [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] si chiamano [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

31

37

33

33

40

726

remitere, et excitare novas immagines, et ex aliis illas compone ad arbitrium
Ergo.

Si homo liber non est in quibusdam sui corporis actionibus notandum quippe est alias esse in homine actiones seu functiones naturales quæ a mecanismo corporis dependent omnino, et perficiuntur illas esse volunta= rias, liber itaque non est homo in motibus mecanicis sui corporis, ut sunt circulatio sanguinis, et alia id genus, quæ animati corporis sunt ne= cessarii consequentes effectus, sed id non destruit in homine liberta= tem quæ tantum spontaneas respicit, et indifferentes actiones non necessarias. Verumtamen etiam quo ad usum sui corporis ejusque mem= brorum liberam habet in ipsum et in ea facultatem homo. potest enim si vult, et quando vult, et quomodo ipsi habet caput move= re, occulos aperire, oscitare et voces edere, manum et brachia ex= tendere, porrigere, versare atque disjungere. Est itaque homo etiam prout individuum, nempe ligatus sensibus et corpore liber, licet enim apertis sensibus non possit iis non uti si percellantur potest tamen eorum exercitium aliquo modo suspendere, cohibere, et diversis modis illos aplicare. Ergo.

Obs. 1. Homo fertur necessarie in bonum. Ergo liber non est ad non eli= gendum bonum, ut illud respuendum. Sed libertas proprie dicta stat ... non solum indifferentem

Centimetres Inches Color chart Sachverständigen-Zubehör.de Blue Cyan Green Yellow Red Magenta White Grey Black